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SEARCH REQUEST FORM

50

Scientific and Technical Information Center

Requester's Full Name: Leslie Wong Examiner #: 78953 Date: 3/11/02
Art Unit: 2177 Phone Number 305-3018 Serial Number: 09/499238
Mail Box and Bldg/Room Location: CPK2-4041 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Computer implemented patent portfolio Analysis and Appraisal method

Inventors (please provide full names): Gregory A Stobbs
John V. Bierenack

Earliest Priority Filing Date: 02/5/99

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

This invention discloses a method for analyzing patent portfolio by retrieving patent info from the database, analyze claim text, generate and associate claim text claim breadth metric (How broad the claim) Counting Simhandel metric words in preamble and body portions and apply weight to counts to generate claim breadth metric. The system uses dimensionality reduction technique to produce eigen-vectors representing patents of known classification. The eigenvector technique forms clusters of patents having similar

03-11-02 P03:26 IN

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STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher: Emma Walker	NA Sequence (#)	STN
Searcher Phone #: 703/308 7795	AA Sequence (#)	Dialog $ 1835.67
Searcher Location: EIC2100 4B30	Structure (#)	Questel/Orbit
Date Searcher Picked Up: 3-21-02	Bibliographic ✓	Dr.Link
Date Completed: 3-21-02	Litigation	Lexis/Nexis
Searcher Prep & Review Time: 120	Fulltext ✓	Sequence Systems
Clerical Prep Time:	Patent Family	WWW/Internet
Online Time: 300	Other	Other (specify)

PTO-1590 (8-01)

INTEROFFICE MEMORANDUM

TO: EXAMINER LESLIE WONG

FROM: GINGER D. ROBERTS, EIC 2100 4B30, 703-308-7795

SUBJECT: SEARCH FOR 09/499238

DATE: 3/21/02

Please find attached the results of your search for 09/499238. The search was conducted using the standard collection of databases on Dialog for EIC 2100.

The following other electronic products were searched:

If you have any questions, please do not hesitate to contact me.

Thank you, and I hope that the search results are useful for you.

P.S. Please complete the feedback questionnaire attached to the search results!

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Alfred Wenzel EPO	Dokumentenlieferung über Satellit mit der DISCOS Technologie von Skycom	[get PDF] (130 KB)
Sveva Haertter, Società Italiana Brevetti SpA	A user's point of view	[updated 30.10.1998 get PDF] (20KB)

F. Giessler, JVC	CD/DVD - Technology in JVC jukeboxes	[get PDF] (220 KB)
M. Littlechild, Pioneer	DVD & autochangers	[get PDF] (200 KB)
E. De Dinechin, Jouve	Jouve System Integration Services	[get PDF] (330 KB)
G. Frackenpohl, INCOM	Patent information management - effects of new developments	[get PDF] (280 KB)
R. Unterkircher, WIPO	Romarin	-
S. Boyer, IBM	IBM's new patent information systems	[get PDF] (1.3 MB)
M. Lipp, Wila Verlag	Patent in-house archives vs. external internet services	[get PDF] (150 KB)
A. Törcsvari, Arcanum	Databases on intellectual property adminstration system	[get PDF] (60 KB)
L. Tellefsen, MicroPatent	New era current awareness searching is here	-
D. Patrice, VTDIM	Diffusion of cheaper information	[get PDF] (300 KB)
E. Hearle, Direct Patent	Direct Patent - an introduction	[get PDF] (310 KB)
G. D'Agostini, D'Agostini Organizzazione S.L.	Patent machine translation	[get PDF] (5 KB)
Dr. H. Lamprecht, FIZ Technik	FIZ Technik's patent databases	[get PDF] (350 KB)

F. Heidlmair, ABP „a better protection“	Digital intellectual property administration system	[get PDF] (560 KB)
Dr. R. Reck, IS Information Service	PC Master - an intelligent management tool for patents and trade marks	[get PDF] (90 KB)
D. Snyder, Manning & Napier	MAPIT	[get PDF] (750 KB)
P. Peters, CAS	New developments in patent information from CAS	-
Dr. C. Siems, FIZ Karlsruhe	Patent analysis - online possibilities with STN International	[get PDF] (320 KB)
D. Dickens, Questel.Orbit	Questel.Orbit's Intellectual Property Gold project	[get PDF] (40 KB)
B. Madlung / R. Wonner, The Dialog Corporation GmbH	Intellectual property databases on Dialog	[get PDF] (300 KB)
R. Stembridge, Derwent Information	Patent Explorer - update	[get PDF] (300 KB)
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Company Heritage - Affiliate of Manning & Napier Advisors

- Early support from U.S. intelligence community, PTO
- Research laboratory at Syracuse University, affiliated with the School of Information Studies

Core Competencies - Linguistic extraction and analytics

- Information Retrieval & Analysis -- "Content Computing"
- Data-Mining

Core Applications -

Leverage knowledge assets

- People, intellectual property, technical information

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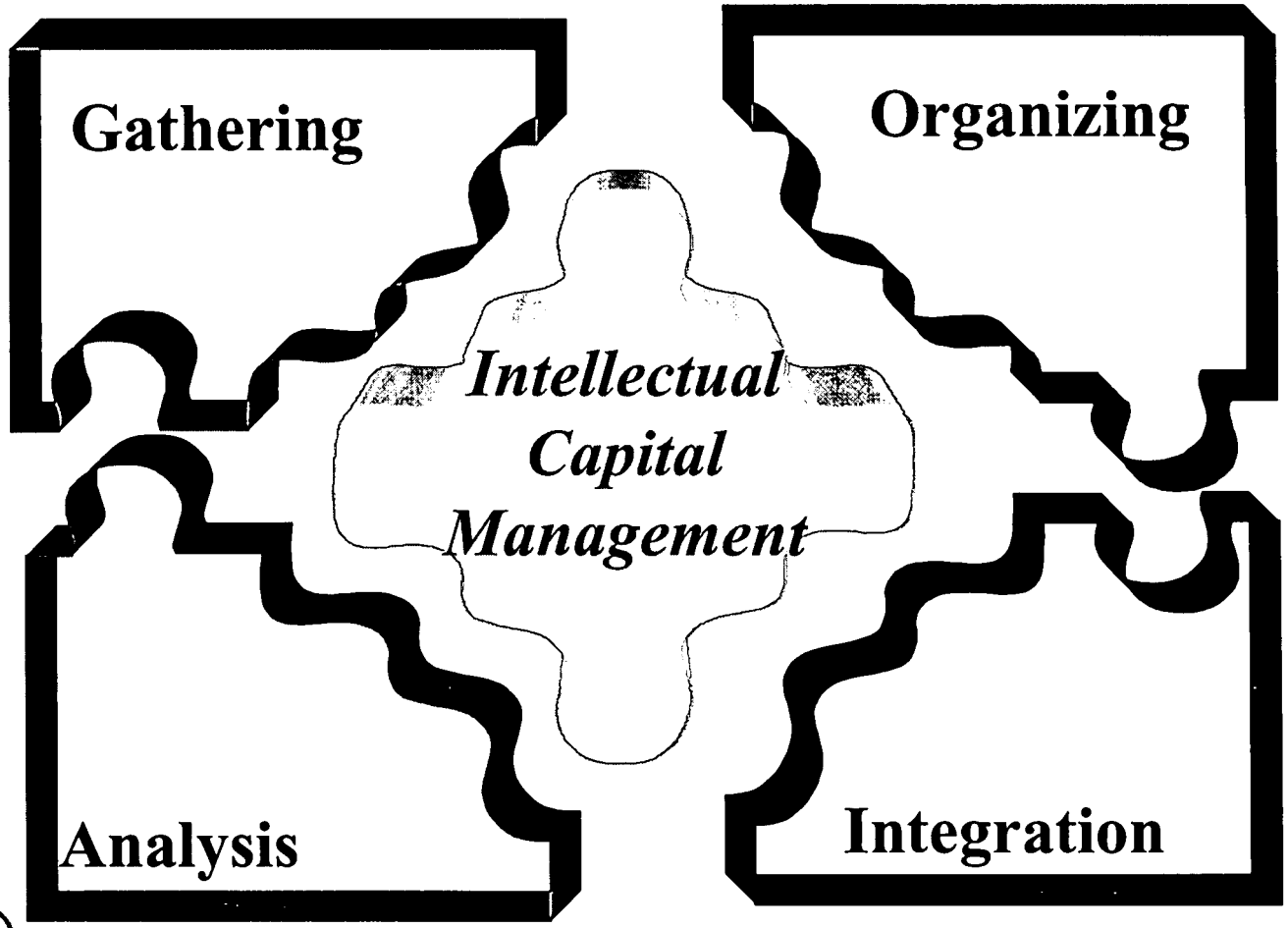

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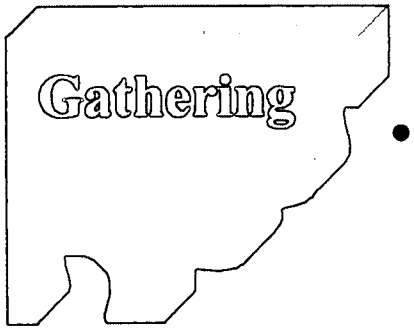

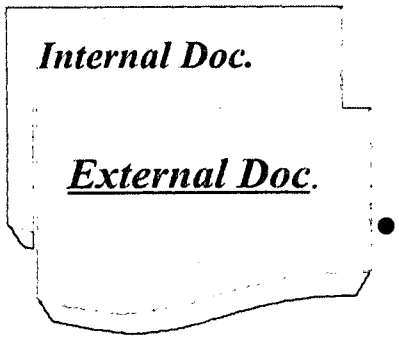

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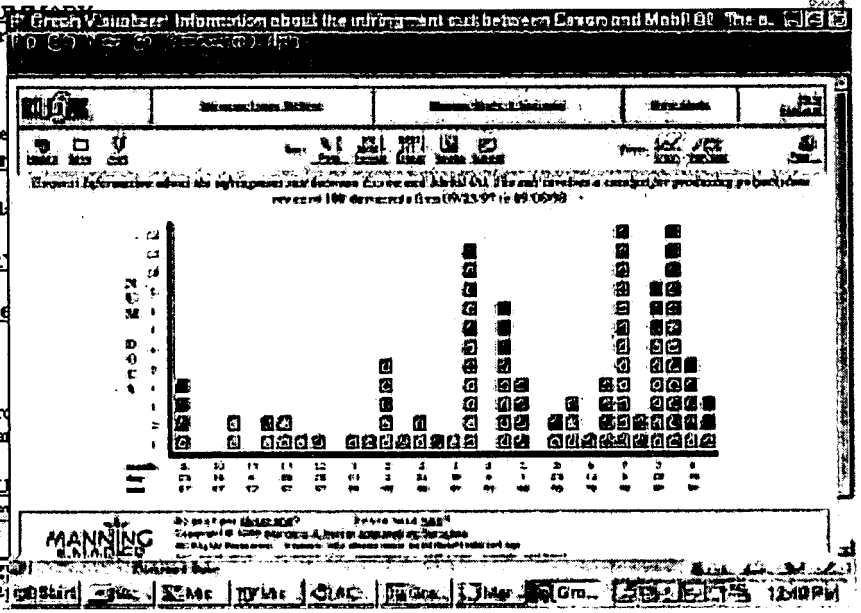

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- **What is MAPIT^{TM} ?**

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Metallocene based catalyst in which alumoxanes are employed in a process to produce polyolefins or polyethylene of controlled molecular weight

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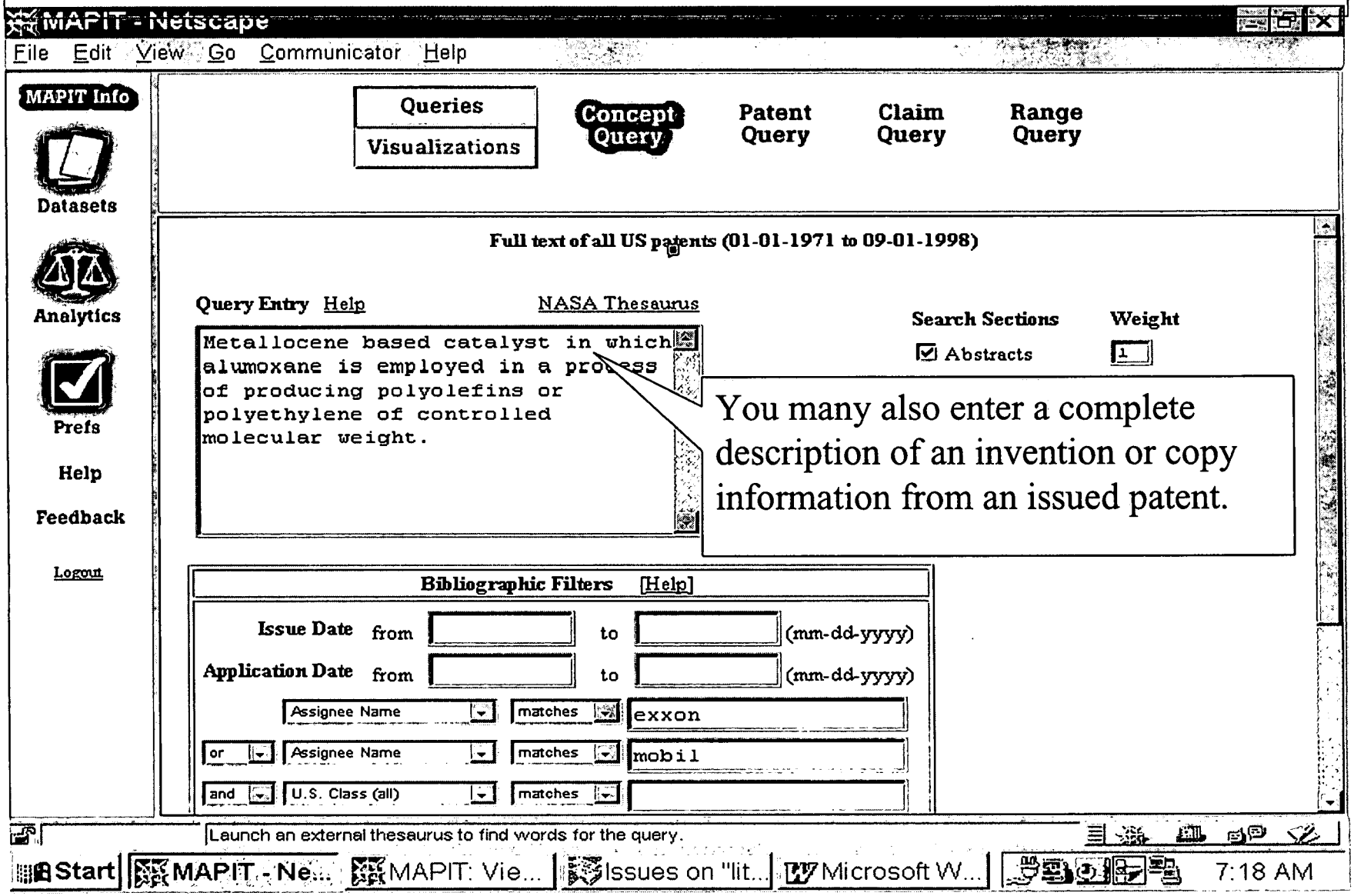

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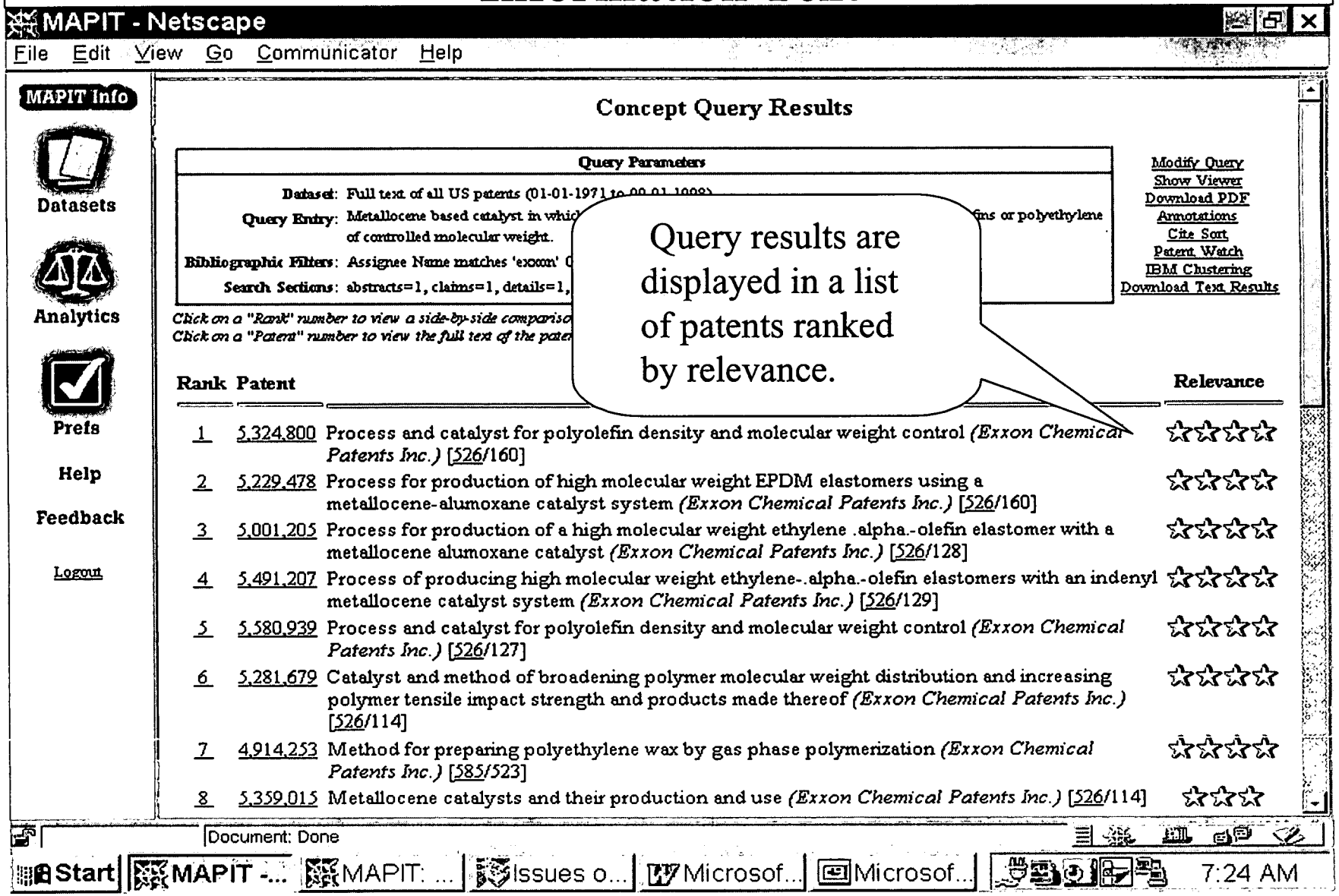

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"A" Phrases to Highlight (one per line) | Color "A": Red | "B" Phrases to Highlight (one per line) | Color "B": Cyan | Update

Words and Phrases

Metallocene based catalyst in which alumoxane is employed in a process of producing polyolefins or polyethylene of controlled molecular weight.

ABSTRACT

Catalysts comprising (a) derivatives of mono, bi and tricyclopentadienyl coordination complexes with a transition metal and (b) and an alumoxane are employed in a process of producing polyolefins of controlled molecular weight.

EXEMPLARY CLAIMS

The invention claimed is:

1. A catalyst system for the polymerization of olefins comprising (a) a metallocene catalyst component represented by the formulas

$$(C_5 R'_{m})_p R''_s (C_5 R'_{m})_{MeQ3-p} \text{ and}$$

$$R''_s (C_5 R'_{m})_2 MeQ'$$

wherein Me is a Group 4B, 5B, 6B metal, $(C_5 R'_{m})$ is a substituted cyclopentadienyl, each R', which can be the same or different, is hydrogen, ethyl, propyl, butyl, amyl, isoamyl, hexyl, isobutyl, heptyl, octyl, nonyl, decyl, cetyl, alkenyl, aryl, alkylaryl or arylalkyl radical having from 1 to 20 carbon atoms or two adjacent carbon atoms are joined together to form a C_4 -C_6 ring, R" is a C_1 -C_4 alkylene radical, a dialkyl germanium or silicon, or an alkyl phosphine or amine radical substituting on and bridging two $(C_5 R'_{m})$ rings, each Q which can be the same or different is an aryl, alkyl, alkenyl, alkylaryl, or arylalkyl radical having from 1 to 20 carbon atoms or halogen, Q' is an alkylidene radical having from 1-20 carbon atoms, s is 0 or 1 and when s is 0, m is 5 and p is 0, 1 or 2 and

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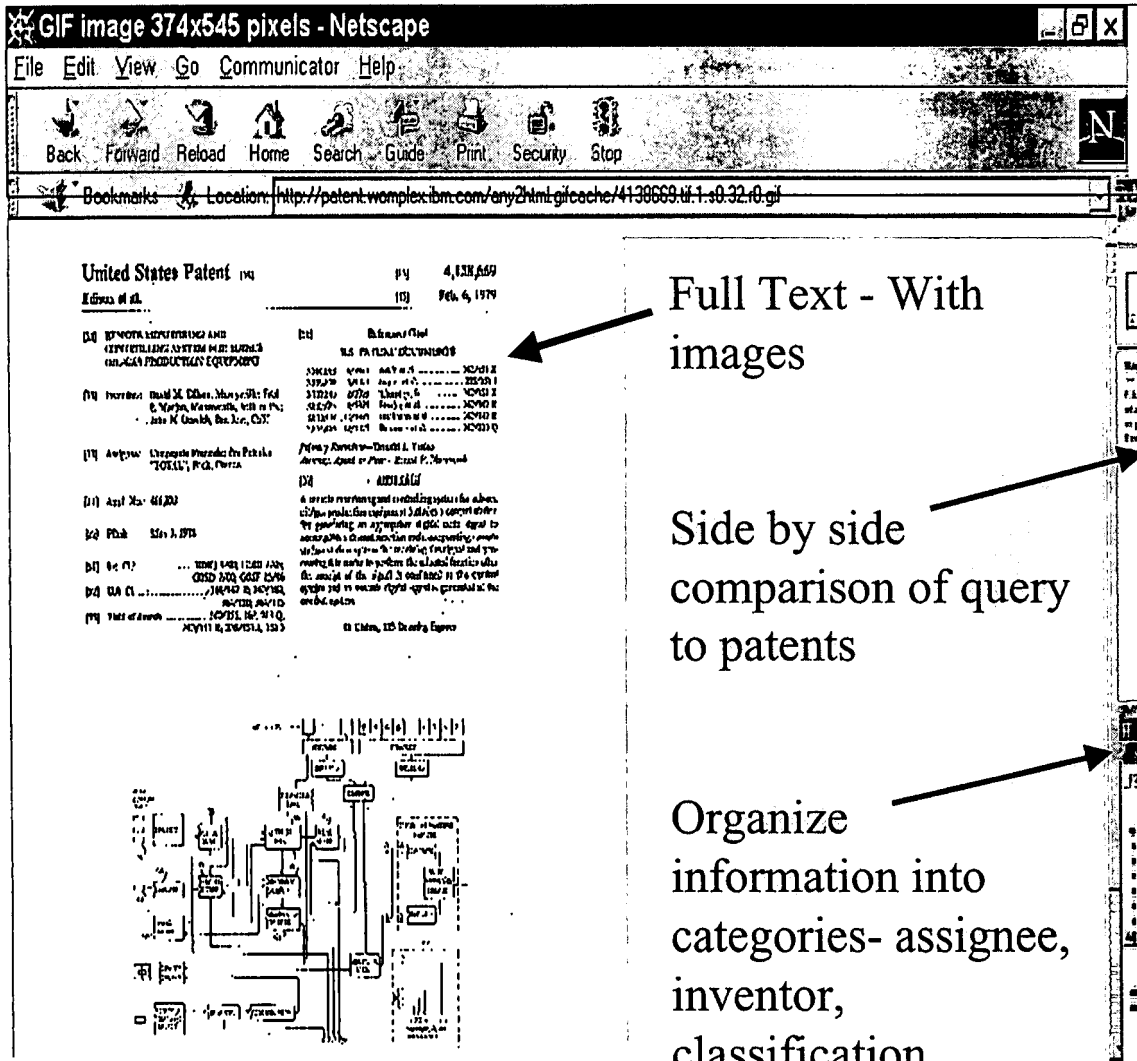
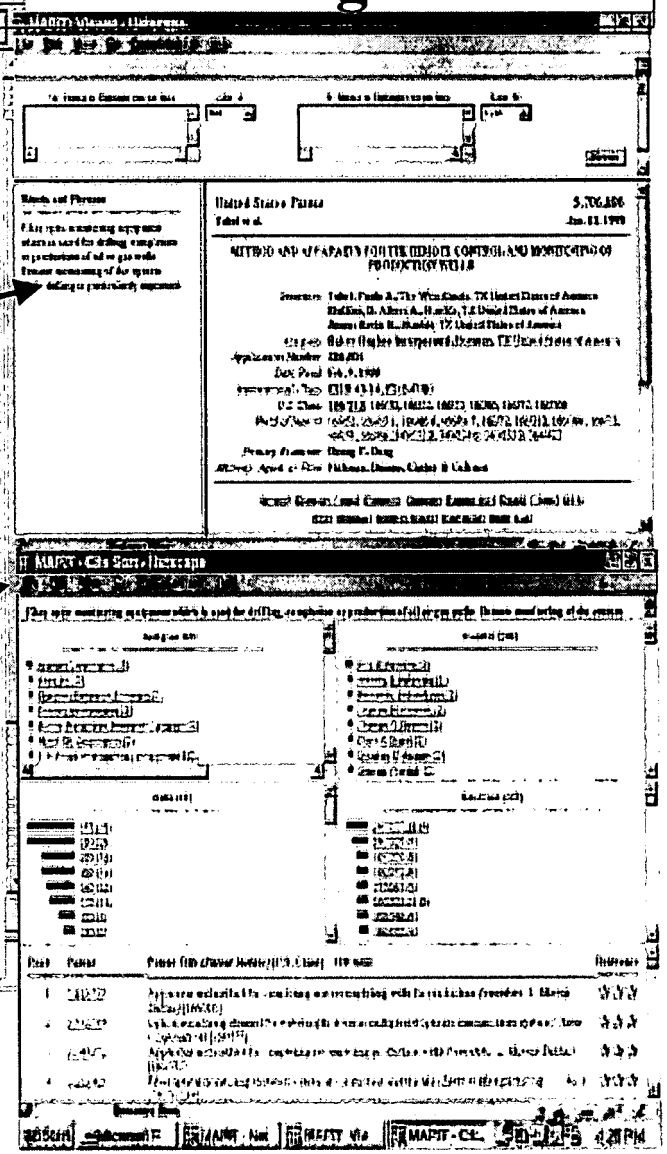
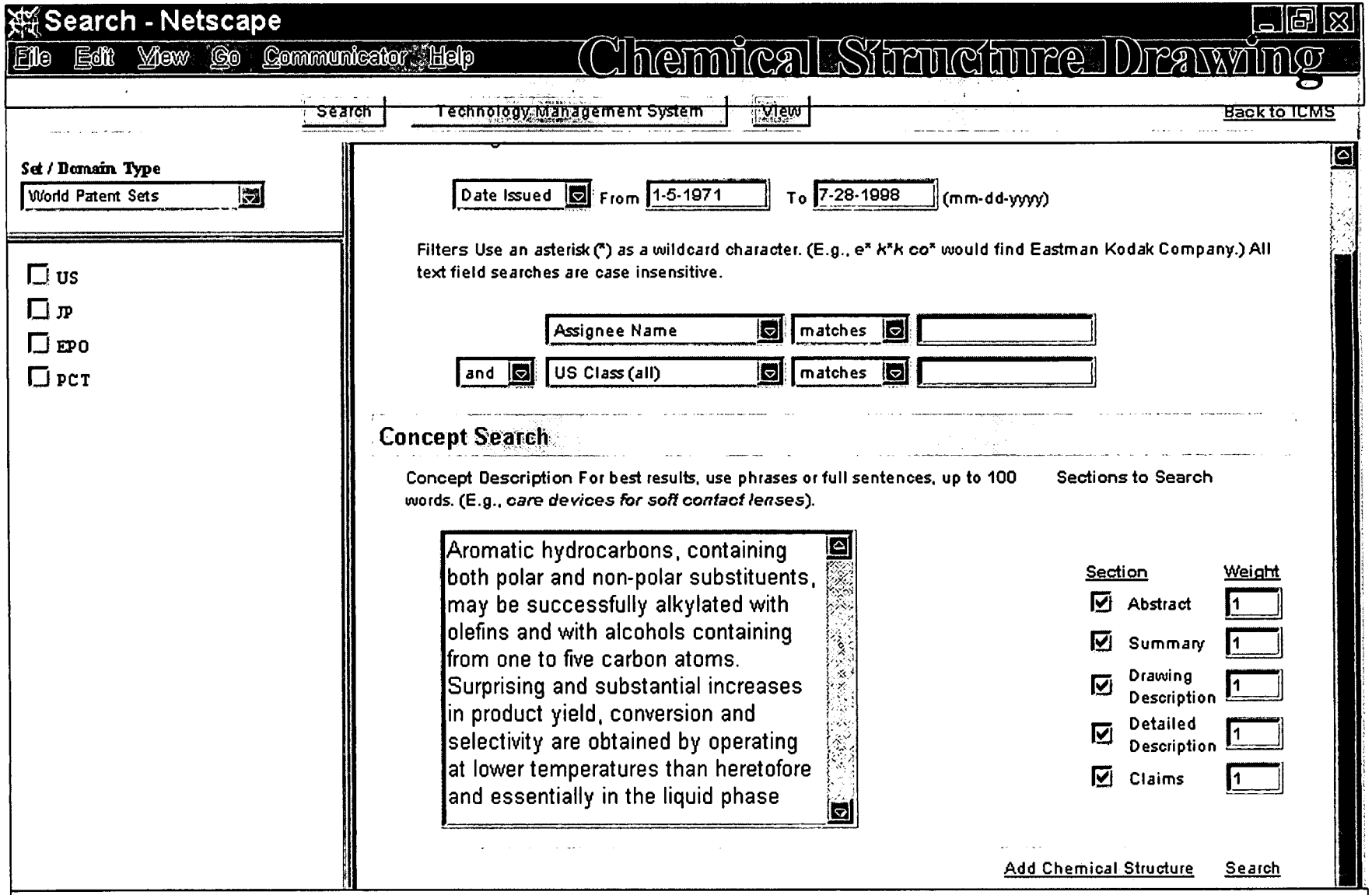


Full Text - With images

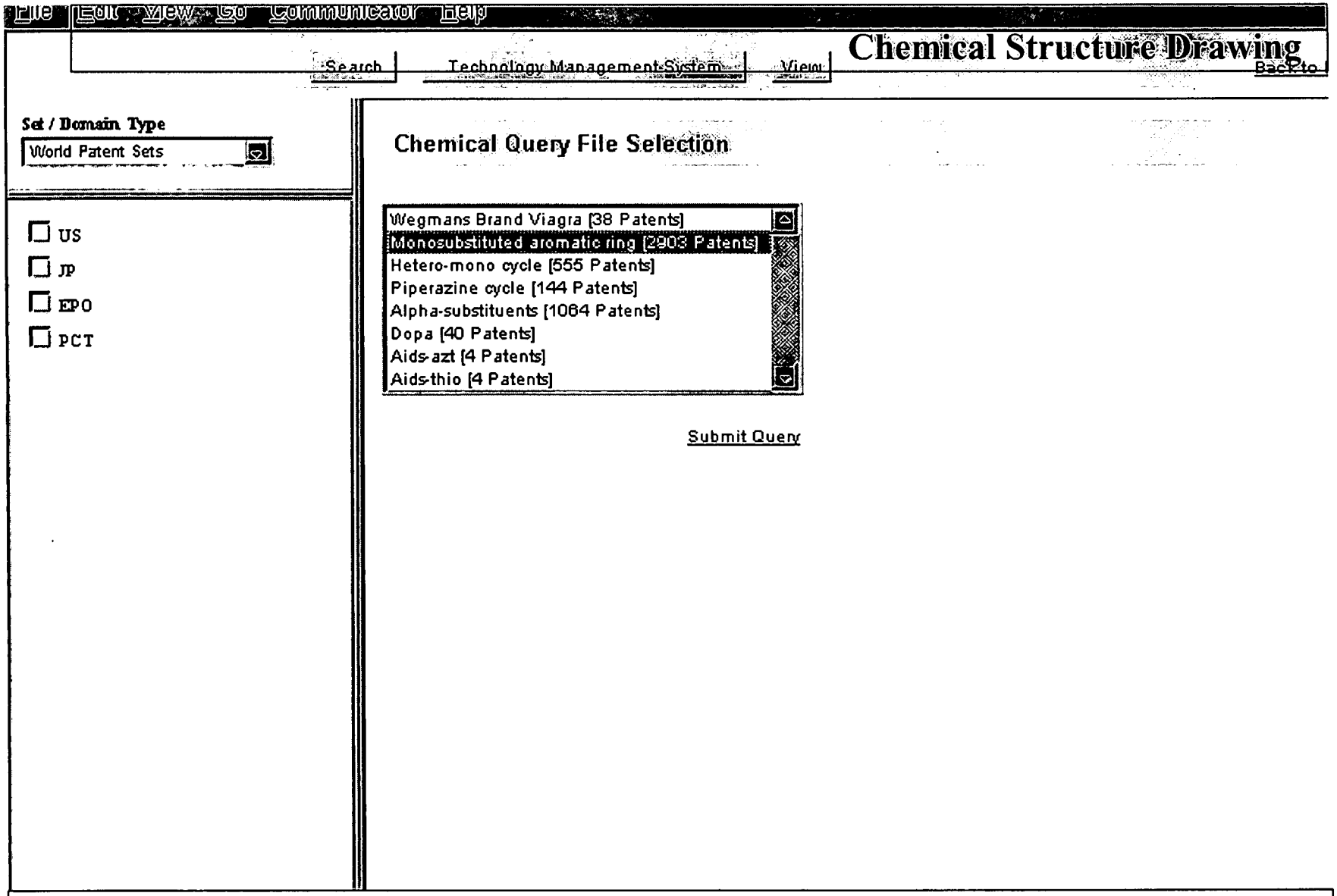
Side by side comparison of query to patents

Organize information into categories- assignee, inventor, classification



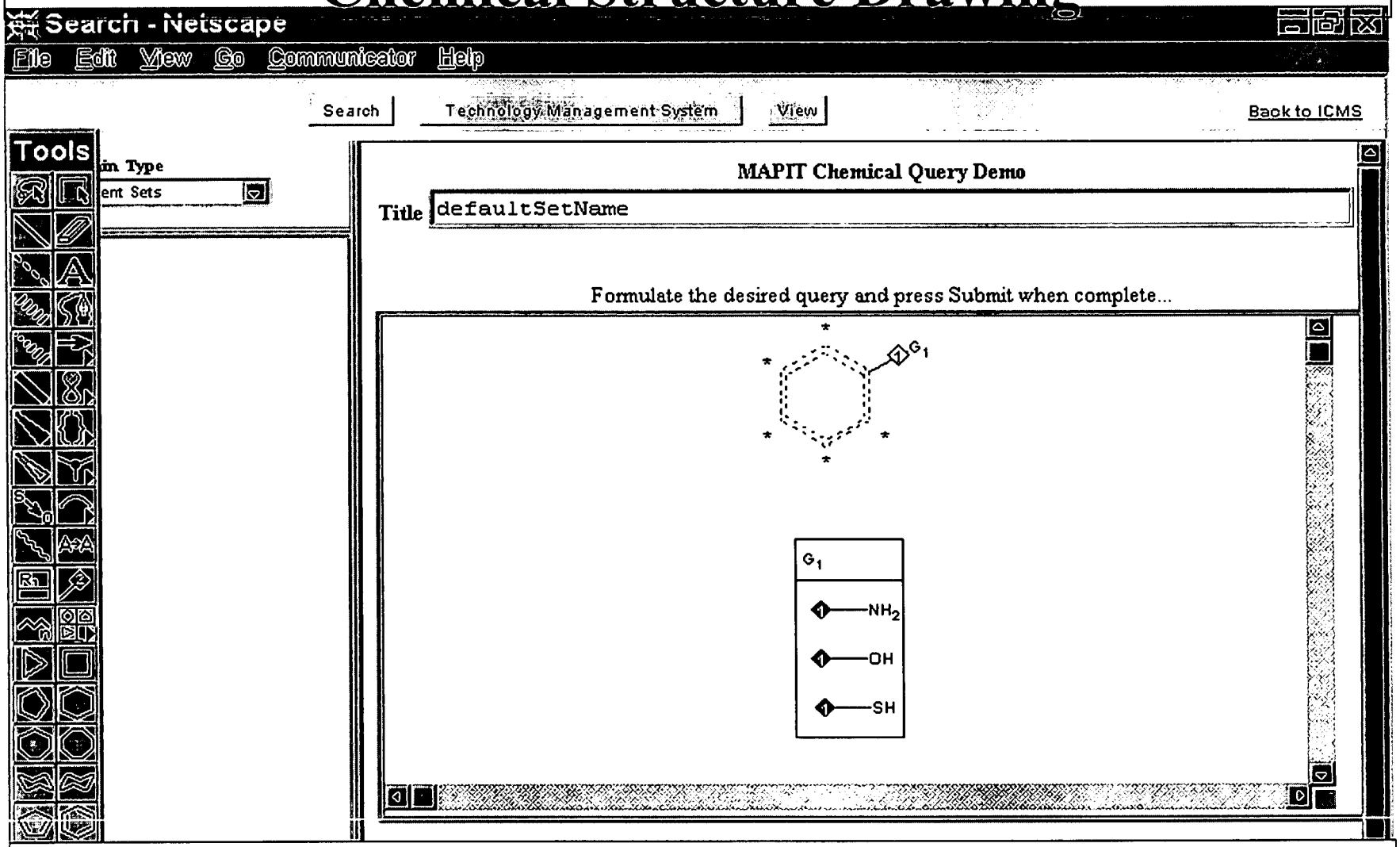


A search with combined natural language searching and chemical structure drawing

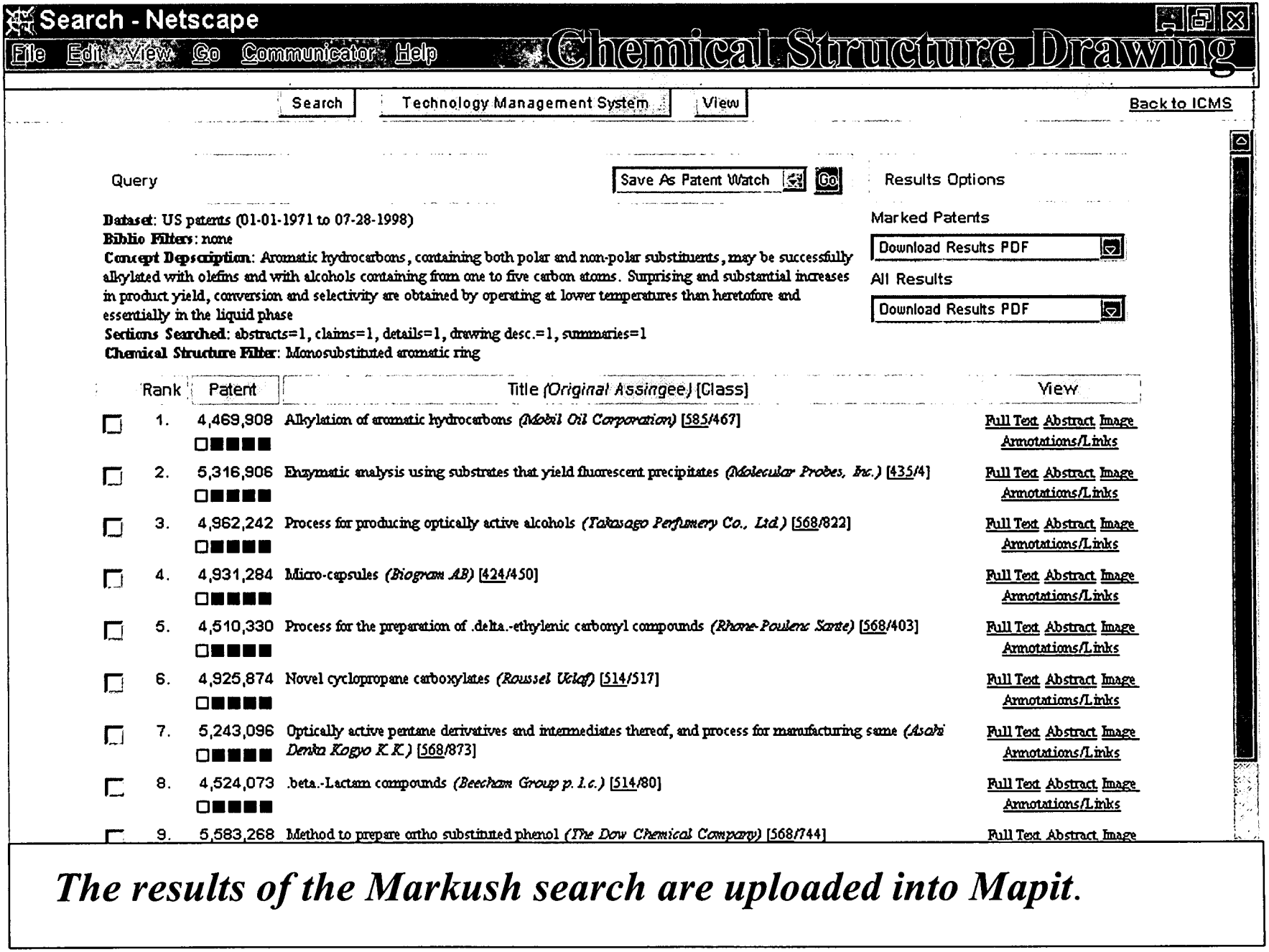


Here a saved structure will be used for the search

Chemical Structure Drawing



The structure may also be drawn using the tools provided with ChemDraw



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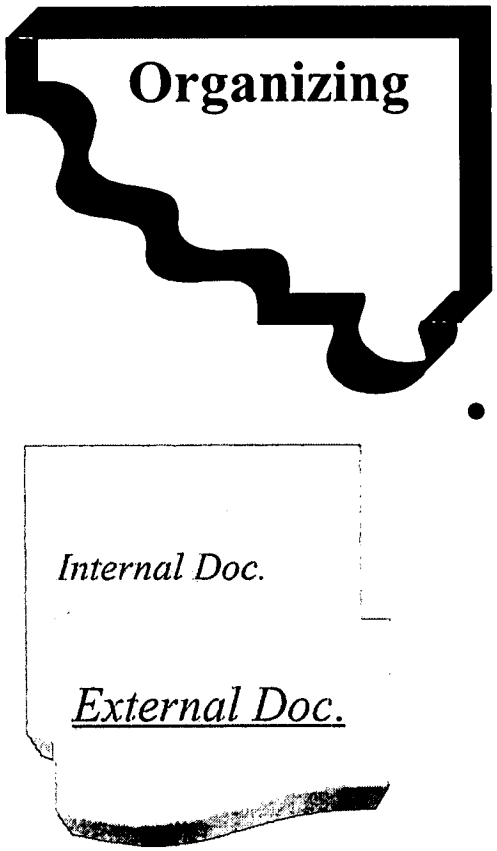

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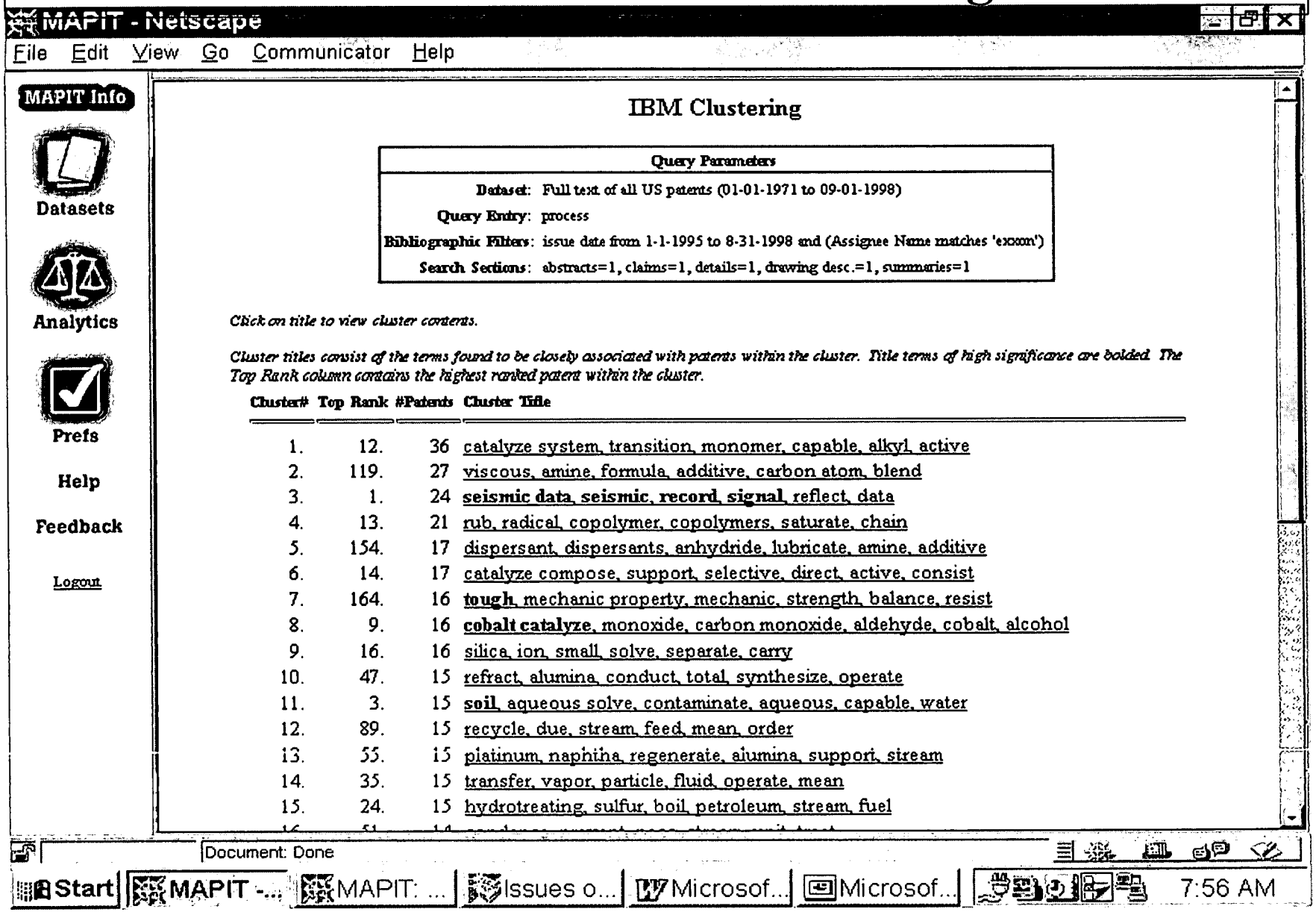

IBM Clustering

Query Parameters	
Dataset:	Full text of all US patents (01-01-1971 to 09-01-1998)
Query Entry:	process
Bibliographic Filters:	issue date from 1-1-1995 to 8-31-1998 and (Assignee Name matches 'exxon')
Search Sections:	abstracts=1, claims=1, details=1, drawing desc.=1, summaries=1

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Cluster titles consist of the terms found to be closely associated with patents within the cluster. Title terms of high significance are bolded. The Top Rank column contains the highest ranked patent within the cluster.

Cluster#	Top Rank	#Patents	Cluster Title
1.	12.	36	catalyze system, transition, monomer, capable, alkyl, active
2.	119.	27	viscous, amine, formula, additive, carbon atom, blend
3.	1.	24	**seismic data, seismic, record, signal**, reflect, data
4.	13.	21	rub, radical, copolymer, copolymers, saturate, chain
5.	154.	17	dispersant, dispersants, anhydride, lubricate, amine, additive
6.	14.	17	catalyze compose, support, selective, direct, active, consist
7.	164.	16	**tough**, mechanic property, mechanic, strength, balance, resist
8.	9.	16	**cobalt catalyze**, monoxide, carbon monoxide, aldehyde, cobalt, alcohol
9.	16.	16	silica, ion, small, solve, separate, carry
10.	47.	15	refract, alumina, conduct, total, synthesize, operate
11.	3.	15	**soil**, aqueous solve, contaminate, aqueous, capable, water
12.	89.	15	recycle, due, stream, feed, mean, order
13.	55.	15	platinum, naphtha, regenerate, alumina, support, stream
14.	35.	15	transfer, vapor, particle, fluid, operate, mean
15.	24.	15	hydrotreating, sulfur, boil, petroleum, stream, fuel

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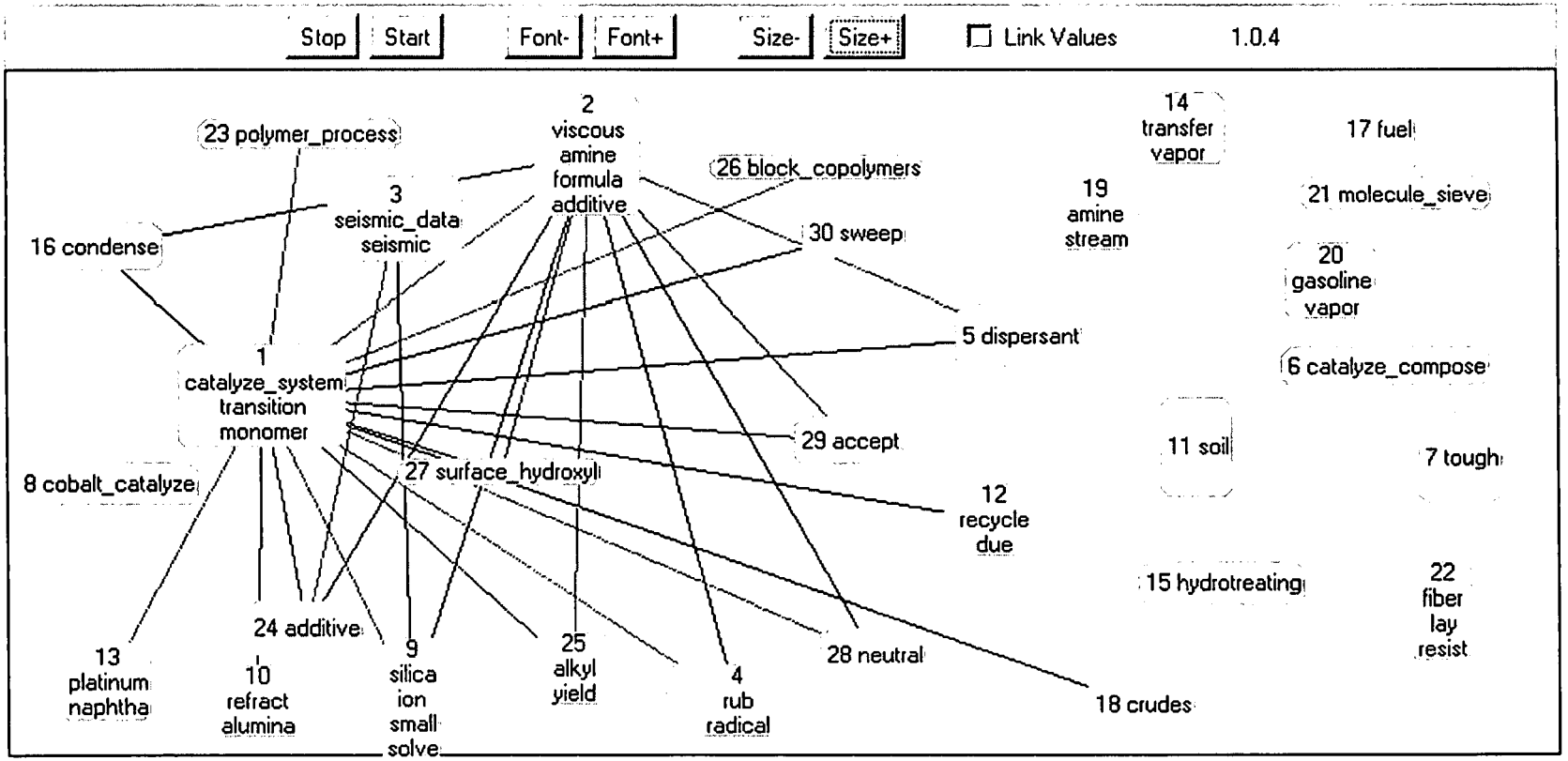

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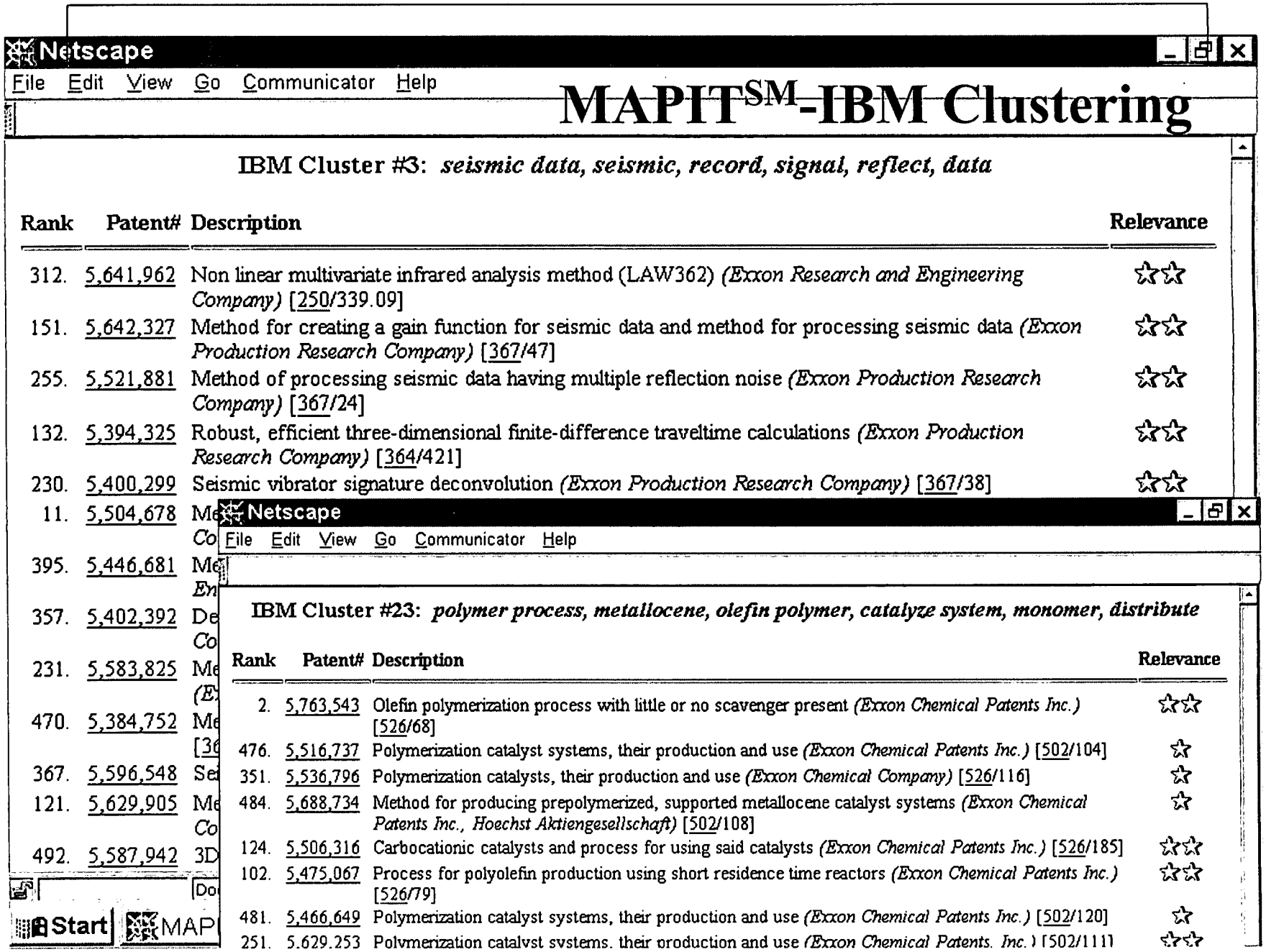
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Rank Patent# Description Relevance
312. 5,641,962 Non linear multivariate infrared analysis method (LAW362) (Exxon Research and Engineering Company) [250/339.09]
151. 5,642,327 Method for creating a gain function for seismic data and method for processing seismic data (Exxon Production Research Company) [367/47]
255. 5,521,881 Method of processing seismic data having multiple reflection noise (Exxon Production Research Company) [367/24]
132. 5,394,325 Robust, efficient three-dimensional finite-difference traveltime calculations (Exxon Production Research Company) [364/421]
230. 5,400,299 Seismic vibrator signature deconvolution (Exxon Production Research Company) [367/38]
11. 5,504,678
395. 5,446,681
357. 5,402,392
231. 5,583,825
470. 5,384,752
367. 5,596,548
121. 5,629,905
492. 5,587,942
Netscape
File Edit View Go Communicator Help
IBM Cluster #23: polymer process, metallocene, olefin polymer, catalyze system, monomer, distribute
Rank Patent# Description Relevance
2. 5,763,543 Olefin polymerization process with little or no scavenger present (Exxon Chemical Patents Inc.) [526/68]
476. 5,516,737 Polymerization catalyst systems, their production and use (Exxon Chemical Patents Inc.) [502/104]
351. 5,536,796 Polymerization catalysts, their production and use (Exxon Chemical Company) [526/116]
484. 5,688,734 Method for producing prepolymerized, supported metallocene catalyst systems (Exxon Chemical Patents Inc., Hoechst Aktiengesellschaft) [502/108]
124. 5,506,316 Carbocationic catalysts and process for using said catalysts (Exxon Chemical Patents Inc.) [526/185]
102. 5,475,067 Process for polyolefin production using short residence time reactors (Exxon Chemical Patents Inc.) [526/79]
481. 5,466,649 Polymerization catalyst systems, their production and use (Exxon Chemical Patents Inc.) [502/120]
251. 5.629.253 Polymerization catalyst systems, their production and use (Exxon Chemical Patents, Inc.) [502/111]
Start
MAP

MAPIT[SM]: Portfolio Analytics

Portfolio Analytics:

Automates examination of large sets of documents

Allows for the comparison of every claim of every patent with every claim of every other patent in a pre-defined dataset

Recognizes independent/dependent claim relationships

MAPiT

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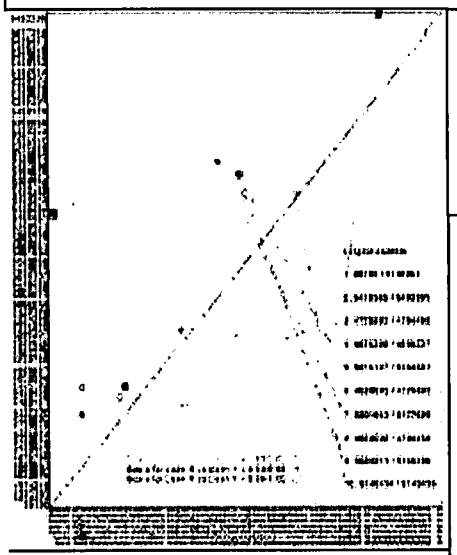
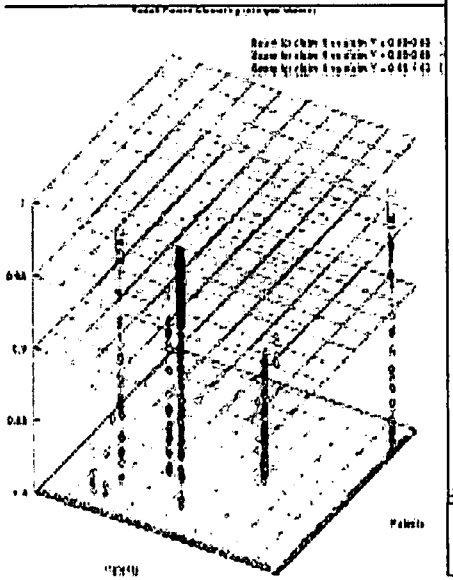
Portfolio Analytics: Comparisons of Claims in Custom Sets of Patents





You can visualize the split datasets (company a vs. company b) to see the degree of overlap between sets

Top Pairs for "Ethicon and US Surgical"

Click on a "Rank" number to view a side-by-side comparison of the two patents.
Click on a "Patent" or "Patent" number to view the full text of a patent.
Click on "View Claims" to view a ranked listing of matching claims for each patent pair.

Rank	Patent	Patent	
1	5,395,383 Adhesion barrier applicator *(Ethicon, Inc.)* [606/151]	5,397,332 Surgical mesh applicator *(Ethicon, Inc.)* [606/151]	View Claims
2	5,403,342 Articulating endoscopic surgical apparatus *(United States Surgical Corporation)* [606/205]	5,417,203 Articulating endoscopic surgical apparatus *(United States Surgical Corporation)* [128/4]	View Claims
3	5,336,232 Approximating apparatus for surgical jaw structure and method of using the same *(United States Surgical Corporation)* [606/151]	5,358,506 Approximating apparatus for surgical jaw structure *(United States Surgical Corporation)* [606/151]	View Claims
4	5,366,081 Packaged synthetic absorbable surgical elements *(United States Surgical Corporation)* [206/339]	5,462,162 Packaged synthetic absorbable surgical elements *(United States Surgical Corporation)* [206/339]	View Claims
5	5,219,077 Package for mesh onlay and attached mesh plug technical field *(Ethicon, Inc.)* [206/438]	5,249,682 Package for mesh onlay and attached mesh plug *(Ethicon, Inc.)* [206/438]	View Claims
6	5,413,267 Surgical stapler with spent cartridge sensing and lockout means *(United States Surgical Corporation)* [227/176]	5,462,215 Locking device for an apparatus for applying surgical fasteners *(United States Surgical Corporation)* [227/176]	View Claims
7	5,403,347 Absorbable block copolymers and surgical	5,431,679 Absorbable block copolymers and surgical	...

Portfolio Analytics: Comparisons of Claims in Custom Sets of Patents

Netscape

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Bookmarks Netsite: apit.cgi?docIDA=05366081&docIDB=05462162&operation=claimVersusClaimResults&reprocess=1&sessionID=13311

Ethicon and US Surgical

5,366,081 Packaged synthetic absorbable surgical elements *(United States Surgical Corporation)* [206/339]	5,462,162 Packaged synthetic absorbable surgical elements *(United States Surgical Corporation)* [206/339]

Click on a "Rank" number to view a side-by-side comparison of the two claims.
Click on a "Patent" number to view the full text of the patent.
Click on a "Claim" number to view the full text of the claim.

Rank	Patent 5,366,081	Patent 5,462,162	Phrases	Theme
1	Claim 17: The combination of claim 1, wherein said surgical suture is manufactured from synthetic absorbable material.	Claim 3: The package of claim 1, wherein said surgical suture is manufactured from synthetic absorbable material.	**99**	97
2	Claim 1: The combination of a synthetic absorbable surgical suture and a package for the synthetic absorbable surgical suture which comprises: a) an outer ...	Claim 7: The combination of claim 3 wherein said retainer member comprises a multiple panel retainer in folded condition and enclosing said synthetic ...	**99**	94
3	Claim 17: The combination of claim 1, wherein said surgical suture is manufactured from synthetic absorbable material.	Claim 7: The combination of claim 3 wherein said retainer member comprises a multiple panel retainer in folded condition and enclosing said synthetic ...	**98**	97
4	Claim 5: The package of claim 4 wherein said flat panel includes an aperture through which the suture may pass upon insertion into or removal from the ...	Claim 6: The combination of claim 1 wherein said suture retainer member comprises a flat panel having a first surface and a second surface, with a ...	**98**	96
5	Claim 1: The combination of a synthetic absorbable surgical suture and a package for the synthetic absorbable surgical suture which comprises: a) an outer ...	Claim 4: The combination of claim 3 wherein said suture is composed of a majority of glycolide.	**97**	96
6	Claim 1: The combination of a synthetic absorbable surgical suture and a package for the synthetic absorbable surgical suture which comprises: a) an outer ...	Claim 8: The combination of claim 3 being structured and arranged such that said suture remains stable for a plurality of weeks and until said flap is peeled ...	**97**	96

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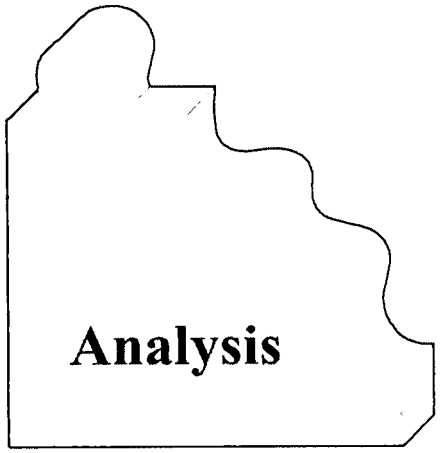
Manning & Napier Information Services (MNIS)
Turning Information Into Insight



- Providing visualization tools to help with the analysis of information
  - Citations
  - Patent Classifications
  - Trend Analyses

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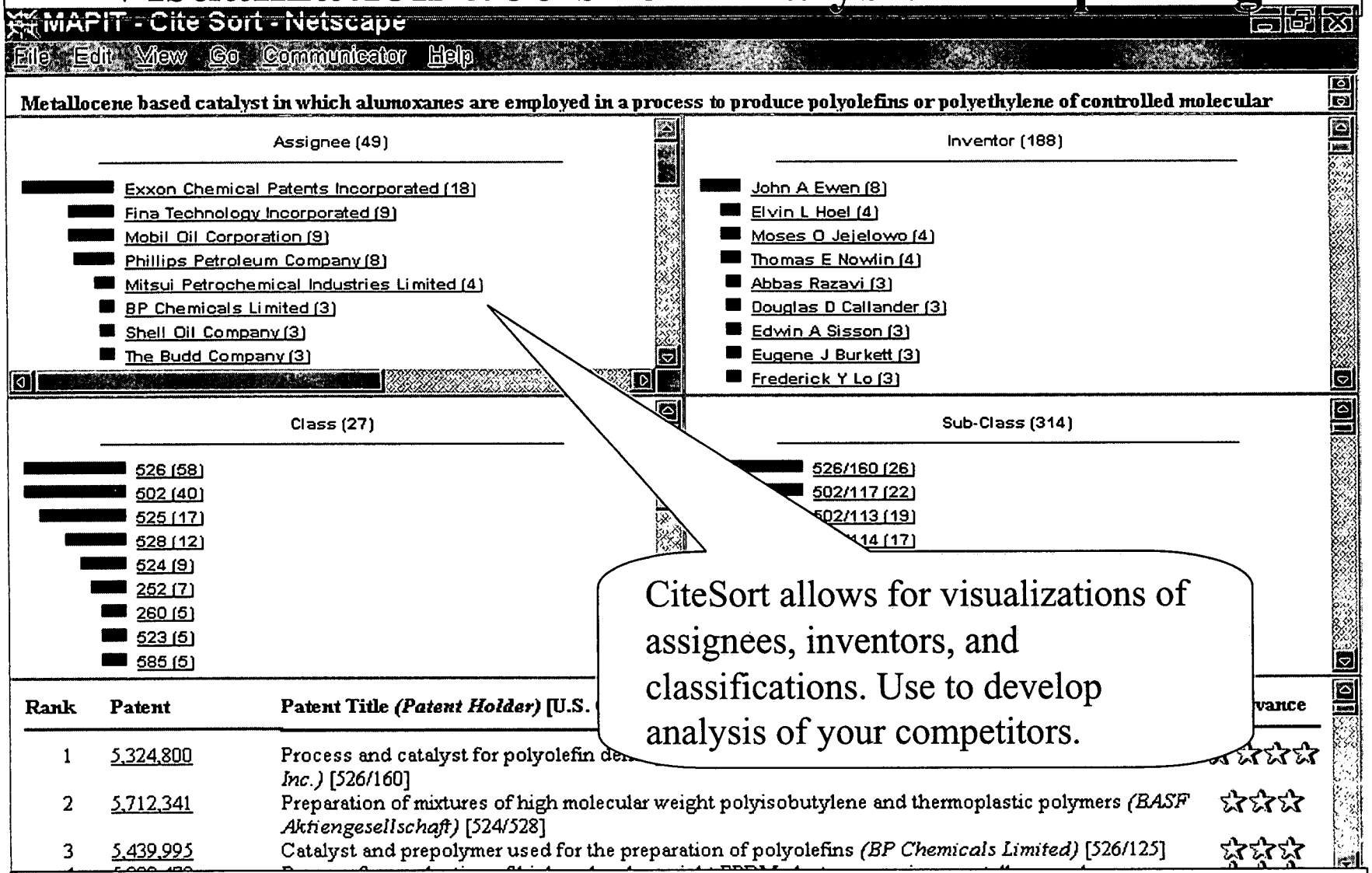
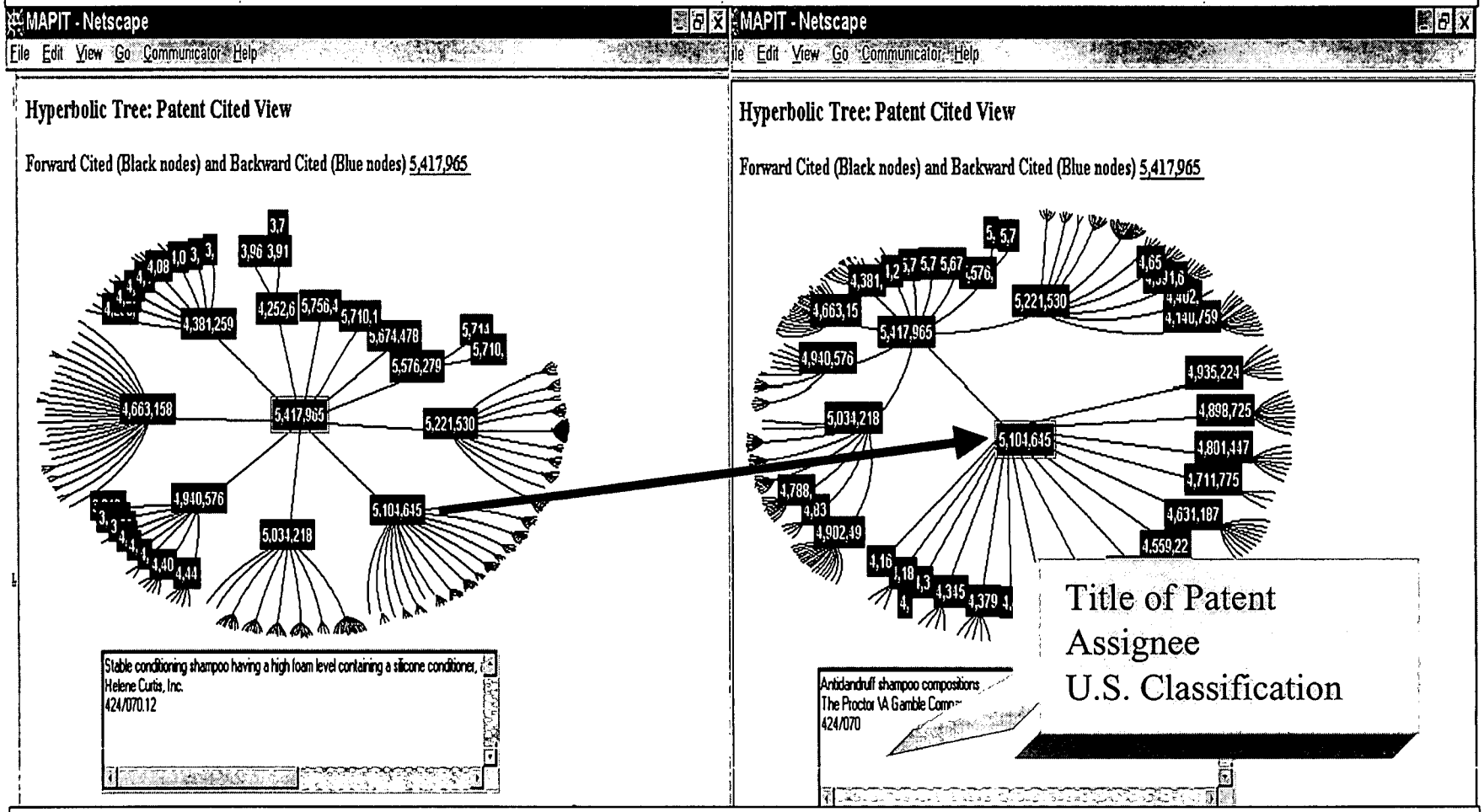
Visualization Tools for Analysis & Reporting



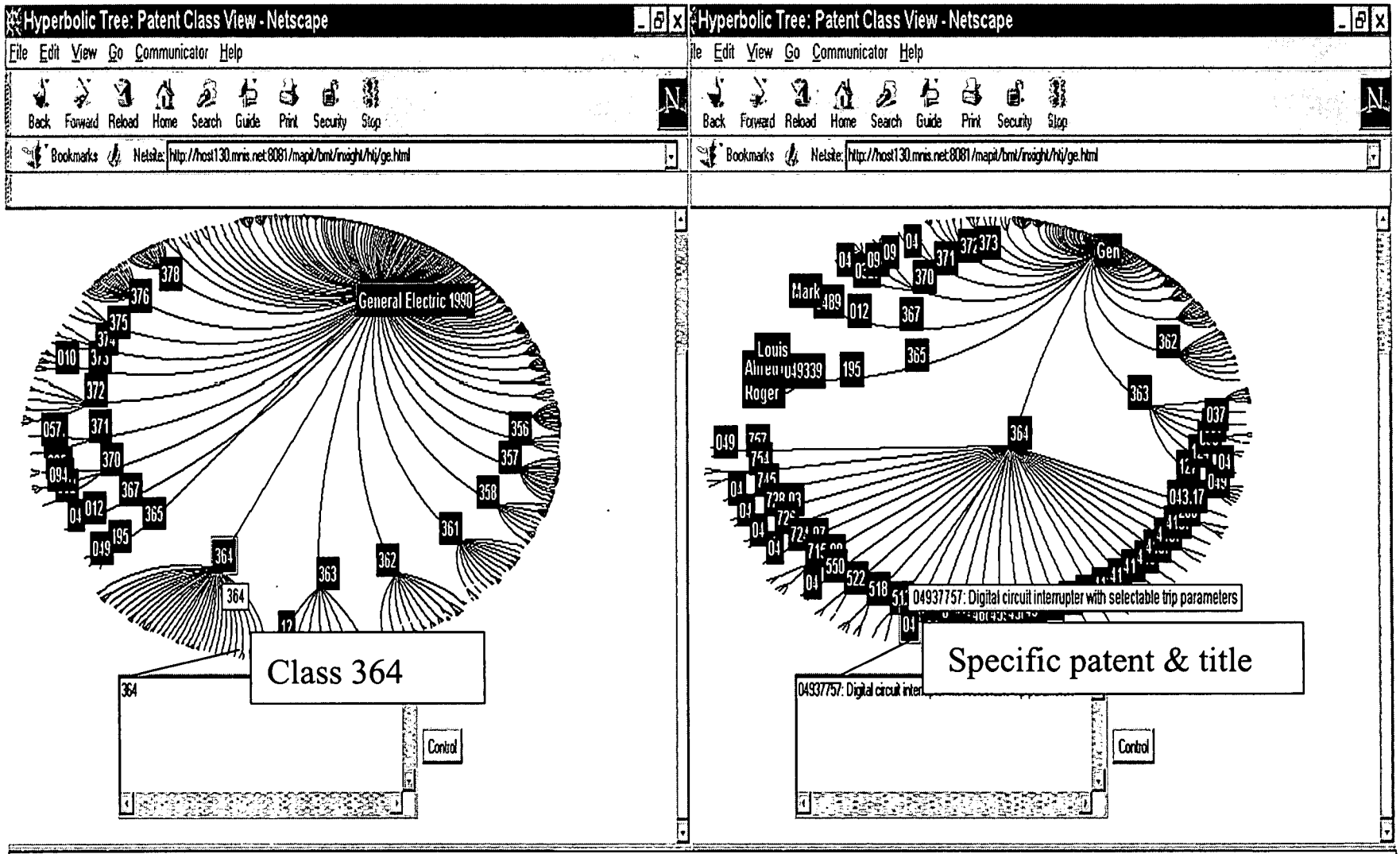
CiteSort allows for visualizations of assignees, inventors, and classifications. Use to develop analysis of your competitors.

Drill down on the competitions references

Visualization Tools for Analysis & Reporting



Citation analysis shows who has cited a patent and the patents cited on a patent . This provides a overview of the technology and the players.



Classification analysis organizes a cluster of patents by technology (class) groupings. Drill down to the specific patent title within each sub- classification.

Microsoft Excel - exxon

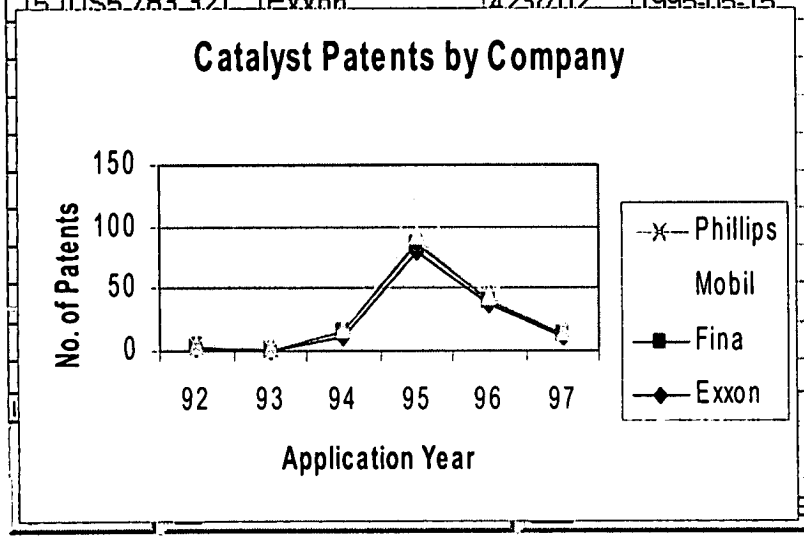
Export MAPIT Data for Visualizations

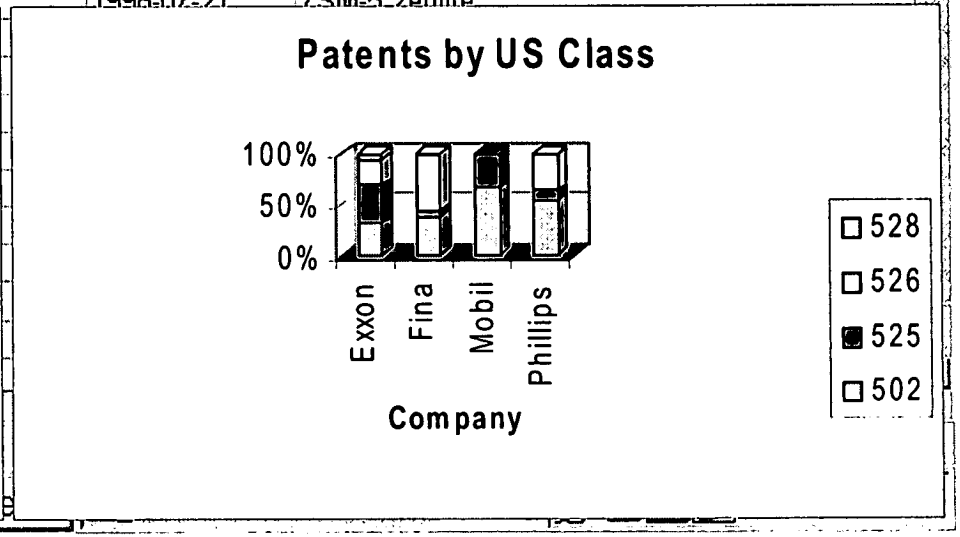
File Edit View Insert Format Tools Data Window Help

A1 = Patent Number

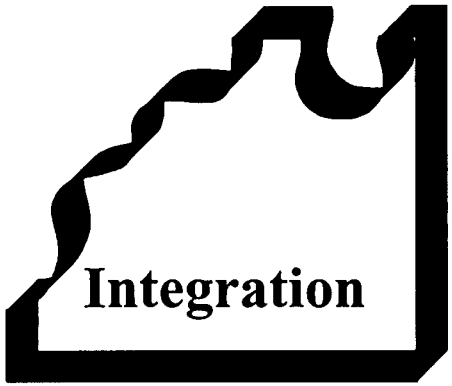
Formula Bar

	A	B	C	D	E	F
1	Patent Numb	Assignee Name	US Class	Application Date	Issue Date	Title
2	US5,703,171	Exxon	525/314	1995-06-07	1997-12-30	Viscosity modifier polybutadiene polymers
3	US5,777,041	Exxon	525/333.7	1997-01-22	1998-07-07	Saturated polyolefins having terminal aldehyde or
4	US5,684,093	Exxon	525/374	1995-09-05	1997-11-04	Nitrogen-containing compounds
5	US5,780,556	Exxon	525/437	1995-06-07	1998-07-14	Thermoset coating compositions having improved
6	US5,780,563	Exxon	526/130	1997-01-24	1998-07-14	Supported lewis acid catalysts derived from supe
7	US5,629,394	Exxon	526/219.2	1995-06-07	1997-05-13	Direct synthesis by living cationic polymerization
8	US5,773,567	Exxon	528/392	1996-06-17	1998-06-30	Carboxylic amide-containing polymers for use as
9	US5,629,434	Exxon	554/219	1995-09-25	1997-05-13	Functionalization of polymers based on Koch che
10	US5,703,262	Exxon	558/112	1993-04-06	1997-12-30	Process for the preparation of dithiophosphoric ac
11	US5,763,678	Exxon	568/454	1996-05-01	1998-06-09	Hydroformylation process employing loop reactor
12	US5,731,486	Exxon	585/511	1995-07-17	1998-03-24	Process for preparing 3-methyl-2-pentene
13	US5,600,055	Exxon	585/727	1995-05-08	1997-02-04	Immobilized Lewis Acid catalysts
14	US5,783,168	Exxon	423/702	1996-10-16	1998-07-21	ZSM-22 zeolite
15	US5,783,321	Exxon	423/702	1995-05-15	1998-07-21	ZSM-5 zeolite





MNIS - Turning Information Into Insight



- Intellectual Capital Management
  - Organize Internal & External Doc
  - Natural language based
  - Visualization/Analysis Tools
  - Enterprise wide access
  - Internet/Intranet Based
  - Scaleable/Adaptable

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[PATENT SEARCHING RESEARCH ARCHIVES]

Innovative technology tool unveiled

M2 Presswire Dec 5, 1996

Advanced Patent Data Mining and Visualization Capabilities for Information Users Powerful new computer software that clusters patent claims based on multiple similarity technologies, and provides the first ever visual representation of conflicting claims was presented today to librarians, market researchers, and information users from various business sectors at the On-line Information '96 conference.

The technology, called MAPIT, is the first system designed specifically for patent search and analysis, according to Manning & Napier Information Services (MNIS), the developer. "MAPIT's capabilities are essential in today's business environment where a company's worth is often measured by its patented technology holdings," said Michael Weiner, chief executive officer of MNIS, which is based in Rochester, New York.

MAPIT's most important feature, according to David Snyder (dls@mnis.net), program manager for MAPIT technology, is its ability, to cluster patent claims based on multiple levels of similarity -- a capability that provides users with data visualizations and side-by-side analysis of conflicting patent claims. MAPIT can be used to benchmark competition by analysing competitive and acquisition patent portfolios.

"This capability is extremely useful to market researchers and business intelligence professionals who are investigating the patent portfolios of potential strategic partners and merger candidates, and monitoring technology trends to make business forecasts," said Snyder.

"MAPIT's advantage over other search engines is its deeper analysis. MAPIT can analyse thousands of patents and claims simultaneously," said Weiner. He explained that users of this new tool will find searching much easier because of MAPIT's ability to focus on patterns of occurrence of words and concept phrases. This technology uses sophisticated natural language and information retrieval techniques to analyse patent content. It can determine, for example, that a patent or one of its claims for a plastics product is 70% about engineering physics, and 30% about polymer science," he explained.

MNIS is also the developer of DR-LINK, an intelligent information analysis system, currently in use by the U.S. Patent & Trademark Office and major corporations, for finding information in general literature that can invalidate or overturn patents and applications in the computer, software, and technology areas. DR-LINK is the only information system that has the ability to read and codify text on the same evaluative, predictive, and consequential levels as humans. MNIS has amassed a large content collection focused on the computer, software, and technology areas.

Manning & Napier Information Services is affiliated with Manning & Napier Advisors, a highly regarded investment advisory firm with more than $6 billion in assets under management. Further information about MAPIT and DR-LINK can be obtained at website address www.mnis. net or by calling, 716-454-0050.

MAPIT is the subject of worldwide patent trademark, and copyright applications.

CONTACT: Jennifer Grey, Stanton-Crenshaw Communication Tel: +1 212 727 3300

[Comments]

PATENT INFORMATION USERS GROUP, INC.

The International Society for Patent Information

Software Tools for Analyzing Patents

By Anthony Trippe, trippe@go-concepts.com, April 1999

The analysis of patent information can mean a number of different things, as can the concept of patent mapping. In general, patent analysis involves extracting data from a patent document (could be any type of literature for that matter) and analyzing the data by different criteria. The type of map that is created depends upon the question that is trying to be answered.

From my understanding, this analysis can be divided into two broad categories. These are data mining (or mapping) and text mining. Data mining involves the extraction of fielded data and the analysis thereof. An example would be if someone wanted to examine the relationship between patent assignees and International Patent Classification codes for a specific area of technology. Mining or mapping this information can give someone an idea of who are the major players in a technology area and what type of work they are generally focusing on. When using Derwent data, a similar analysis can be done replacing IPC codes with Derwent manual codes.

Text mining or mapping typically involves clustering or categorizing documents based on the major concepts that are contained within. The data source is unstructured text data, it is not fielded and the only structure is that which the author has applied when they wrote the document and built relationships between different concepts within. An example of this would be if you collected patents from a specific patent assignee and you analyzed the text of these documents. In a cluster map the software would extract the major concepts found within and create clusters of documents that appear to cover the same concept. The software would then visualize these clusters in some fashion creating a map. By looking at the clusters that were created (and subsequently the documents themselves, but now with an organized method) you can quickly get a general idea of the concepts that this organization is working on and how they interrelate.

Manning & Napier's MapIT: When someone purchases access to this system they are given a login id and password for accessing M&N's internet site. Care should be taken that you have logged in using a secure link to the site. All of the work is done remotely on M&N's servers. There are advantages and disadvantages to this. M&N have collected patent data from US, EP and PCT applications and granted patents (the general rules on years covered apply to this system) and the first step in using MapIT is to construct a search query using their natural language search system. M&N will advice that this query should be as specific as possible and contain as many synonyms as you can think of (they suggested using the first claim of a patent for instance). The system will retrieve the first 1,000 patents that meet your search criteria. There is some flexibility on weighing whether your search terms appear in different areas of the patent full-text but I will not go into that here.

Once you have generated a list of documents you can choose to start reading the documents or you can apply a couple of different analysis tools to the set. The cite sort option allows you to do some rudimentary data mining on the set. This feature will create graphs of the first 100 patents based on the inventors, patent assignees, USPC class and sub-class. This data is given as is and the user is not

allowed to customize this data or look at other data fields.

The other major tool is called IBM clustering and as the name implies this allows you to cluster the documents based on the system developed by IBM (This is available in a stand alone package from them called Technology Watch. Technology Watch has options for doing both data and text mining). When the system is finished analyzing the patents it will create a list of clusters categorizing the documents.

Overall, MapIT is an easy system to use and is a good general tool for patent mining or mapping. For more advanced users, the lack of customizable features may be frustrating.

Semio: This is pretty much a text mining tool that creates cluster maps based on a set of documents. Once the system is installed it is fairly easy to create a map from it and post the map to an intranet site so that a number of people can share the information. A standard web browser is used to look at the maps and after a short introduction to how the maps work a user can quickly and easily start using the system. One large drawback is that for Semio to work most effectively individual documents must be created for each reference. For example if you were downloading data from Derwent for analysis, you would have to create a separate document for each Derwent record. Otherwise when you saw a concept you were interested in and wanted to look at the documents in that cluster, the system would return the entire online record. In other words, the system does not contain a feature where online data can be imported in and parsed into separate records for analysis.

Overall, Semio is one of the more attractive visualization packages out there for doing concept mapping (text mining).

Aurigin's IPAM system: IPAM stands for Intellectual Property Asset Management and as the name implies this system allows you to organize and manage intellectual property (not just patents, but corporate documents as well). The system contains tools for patent analysis as well since this is an integral part of smart IP management. While a very interesting system, Aurigin is a big ticket item. There are substantial costs involved in purchasing a server to run the system and setting it up to work within an organization. It offers a great deal of power, flexibility and security (since it is located behind your company's firewall) but it is not trivial to get established.

IPAM is an integrator system meaning that they have built a platform for the system and have allowed it to be flexible enough to allow a number of third party applications to work within the framework. Aurigin invited some of the best third party analysis tools companies to partner with them and integrate their systems in with Aurigin. They have incorporated both text and data mining tools into the system and set them up so that they all work together seamlessly.

The patent data is taken from US, EP and PCT documents (same basic rules apply for coverage) and they also have a method for searching these references and creating sets that can be further analyzed. Another nice feature is that since Aurigin began life as SmartPatents, you can have all of the annotation and viewing capabilities of SmartPatents accessible through the system (for an additional charge of course to purchase the SmartPatents of interest). One of the key strengths of the IPAM system is the ability for individuals within an organization to create sets of patents, analyzed them, annotate them and generally create intelligence from them and save all of this knowledge in a single place where it can be preserved for the company.

Overall, this is a nice system but a big investment.

SmartCharts for Patents: Produced by BizInt, this software allows a user to import Derwent data from

the WPI file on STN into the system and create tables of information (including the Derwent images) from it. While not a text or data mining tool per se, the software is very good for formatting Derwent data to be shared with a client. The tables are customizable and additional columns can even be added for keeping track of comments made by people working with the tables. For more information and to see some examples of the tables go to: http://www.bizcharts.com/sc4pats

The IBM Intellectual Property Network for Business: IBM is making some big changes to their site and they have already but some tools for patent citation analysis up on their site. Nancy Lambert, in her "Better Mousetrap" column (Searcher Magazine, March 1999) wrote a fairly extensive review of this site so I will recommend that interested individuals contact Nancy for reprints or order a copy of the column. As I mentioned in the last note, IBM is also selling an integrated data and text mining tool called Technology Watch. I do not have a lot of data on this tool yet so I will refer the reader to IBM's web site where a search for Technology Watch will bring up some information on the product.

ThemeScape by Cartia: This is a text mining tool with a few built in data mining features that enhance the clustering aspect. This company has partnered with Aurigin so ThemeScape can be used in conjunction with the Aurigin IPAM system. As I mentioned last time, Semio creates concept maps that show each level of detail as a separate map page. You start with the view from the highest level (the concepts that appear most frequently) and as you mine into the map you get greater detail with separate maps. ThemeScape takes the topographical map approach where the most common clusters are seen as mountain tops and you get greater detail by moving down the sides of the mountain towards the valleys. It incorporates a data mining aspect since you can ask that a specific patent assignee be identified on the map. This takes the form of small dots on the map. Where you see a dot, that is a concept area where that patent assignee is working.

In the last few years, this area has exploded and there are now a number of interesting products that can make the tedious task of mining patent data easier than it was in the past. If there are questions or comments, please do not hesitate to contact me. I can be reached at trippe@go-concepts.com.

Please send comments, corrections, information or suggestions for the PIUG webpages to the PIUG Webmaster.

February 2000 / Web Page Committee / Jing Belfield

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Search Report from Ginger D. Roberts

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?show files;ds
File  15:ABI/Inform(R) 1971-2002/Mar 21
         (c) 2002 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2002/Mar 19
         (c) 2002 Resp. DB Svcs.
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         (c) 2002 Business Wire.
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         (c) 1999 Business Wire
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         (c) 2002 The Gale Group
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         (c) 2002 Financial Times Ltd
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File  20:Dialog Global Reporter 1997-2002/Mar 21
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S2   11822757   ANALYS? OR EVALUAT? OR INTERPRET? OR CLASS? OR INDEX?
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             EM?
S4   12556399   LANGUAGE OR WORD? OR TEXT? OR TERM? OR SENTENCE? OR PARAGR-
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S5    2626528   CLAIM? ?
S6    9569457   BREADTH? OR SCOPE? OR BROAD? OR DEPTH? OR COVER?
S7   21651405   METRIC? OR MEASUR? OR WEIGHT? OR GRADE? OR GRADING? OR SCO-
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         (c) 1999 The Gale Group
File 634:San Jose Mercury  Jun 1985-2002/Mar 20
         (c) 2002 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2002/Mar 20
         (c)2002 The Gale Group
File  20:Dialog Global Reporter 1997-2002/Mar 21
         (c) 2002 The Dialog Corp.

Set     Items   Description
S1    1553721   PATENT? OR INTELLECTUAL()PROPERTY
S2   11822757   ANALYS? OR EVALUAT? OR INTERPRET? OR CLASS? OR INDEX?
S3     169158   ARTIFICIAL()INTELLIGENCE? OR AI OR NEURAL? OR EXPERT()SYST-
           EM?
S4   12556399   LANGUAGE OR WORD? OR TEXT? OR TERM? OR SENTENCE? OR PARAGR-
           APH?
S5    2626528   CLAIM? ?
S6    9569457   BREADTH? OR SCOPE? OR BROAD? OR DEPTH? OR COVER?
S7   21651405   METRIC? OR MEASUR? OR WEIGHT? OR GRADE? OR GRADING? OR SCO-
           R? OR VALUE? OR POINT? OR COUNT?
S8    2618138   PREAMBLE? OR SPEC OR SPECIFICATION? OR BACKGROUND? OR SUMM-
           ARY? OR ABSTRACT?
S9       2770   EIGENVALUE? OR EIGEN()VALUE?
S10     23388   S1(5N)(S2 OR ANALYZ?)
S11       157   S3(S)S10
S12      4448   S1(S)S3
S13       635   S4(S)S12
S14       290   S13(S)(S6:S9)
S15       774   S11 OR S13 OR S14
S16       382   S15 NOT PY>1999
S17       207   RD (unique items)
S18       257   S10(S)S4(S)S5
S19        23   S6(S)S7(S)S18
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S20 63 S6(S)S18
S21 47 S7(S)S18
S22 87 S20:S21 NOT S17
S23 65 RD (unique items)
S24 31 S16 AND S1/TI
S25 96 S24 OR S23
S26 87 RD (unique items)
?t26/3,k/all

26/3,K/1 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02285332 94635347
Beware the unexpected consequences of the reexamination of an about-to-expire patent
Mottes, Andrew J
Intellectual Property & Technology Law Journal v13n11 PP: 5-14 Nov 2001
JRNL CODE: JOPR
WORD COUNT: 7521

...TEXT: are construed in the original examination of patent applications namely, claims should be given their **broadest** reasonably construction consistent with the specification. The Federal Circuit reasoned in Yamamoto that the PTO **broadly** interprets claims during examination of patent applications and reexamination of patents because the applicant/patentee may "amend his **claims** to obtain protection commensurate with his actual contribution to the art."12 According to the Federal Circuit, this approach served the public interest "by reducing the possibility that **claims** , finally allowed, will be given **broader scope** than is justified. Applicants' interests are not impaired since they are not foreclosed from obtaining appropriate **coverage** for their invention with express **claim language** ."13
In reconsidering its decision, the Board noted that the reexamination of an expired patent...

26/3,K/2 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02164944 72672910
Matchmaking in the realm of patents: A call for the marriage of patent theory and claim construction procedure
Dawson, Gwendolyn
Texas Law Review v79n5 PP: 1257-1286 Apr 2001
ISSN: 0040-4411 JRNL CODE: TRX
WORD COUNT: 15631

...TEXT: to relief when an unauthorized person or entity infringes upon his patent, or, in other **words** , "makes, uses, offers to sell, or sells [the] patented invention, . . . during the **term** of the patent."67 Thus, the logical first step in any patent infringement suit is...

...determine what exactly the patented invention is.68 The monopoly granted by the patent generally **covers** only what is spelled out in the patent claims,69 those numbered **paragraphs** found at the end of the patent specification that succinctly describe the invention.70 Defining down to the **interpretation** of the **patent claims** .71 This process is commonly called **claim** construction.72

Prior to 1996, the Federal Circuit, the court that has appellate subject matter...

26/3,K/3 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02164940 72672578
State accountability for violations of intellectual property rights: How to "fix" Florida prepaid (and how not to)
Berman, Mitchell N; Reese, R Anthony; Young, Ernest A
Texas Law Review v79n5 PP: 1037-1197 Apr 2001
ISSN: 0040-4411 JRNL CODE: TRX
WORD COUNT: 83463

...TEXT: when Congress enacts a general qui tam statute403-does neither of these things.404

Last **term** , the Supreme Court considered a qui tam suit against the State of Vermont under the False **Claims** Act.405 The Court ultimately avoided the question whether such a suit would be constitutional...

... afoul of the Eleventh Amendment," the majority's assertion of "'a serious doubt' on that **score** "408 does not bode well for **broader** proposals like Professor Siegel's, which raise more difficult problems than does the False **Claims** Act.409

Are there other ways-short of qui tam suits-to combine the resources...

26/3,K/4 (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02101695 65539731
Strategic disclosure in the patent system
Lichtman, Douglas; Baker, Scott; Kraus, Kate
Vanderbilt Law Review v53n6 PP: 2175-2217 Nov 2000
ISSN: 0042-2533 JRNL CODE: AVLR
WORD COUNT: 17737

...TEXT: in any case where the claimed invention "was known or used by others in this **country** , or patented or described in a printed publication in this or a foreign **country** , before the invention thereof by the applicant."8 Courts have **interpreted** this provision such that, today, **patent** applications are rejected for a lack of novelty if, at the time the applicant invented...

...to enable a skilled practitioner to practice the invention without undue experimentation.10 In other **words** , the novelty requirement preempts applications that **claim** inventions that literally were already known. This means that the novelty requirement does not matter...

26/3,K/5 (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02056242 58126798
Insurance coverage for "inducement claims"
Weiss, Bryan M
Federation of Insurance & Corporate Counsel Quarterly v50n3 PP: 257-276 Spring 2000
ISSN: 0887-0942 JRNL CODE: FIC

WORD COUNT: 8750

...TEXT: or Slogan

The other enumerated offense that has been analyzed with respect to patent infringement **claims** is that pertaining to "infringement of copyright, title or slogan." As with the previously discussed...

... offense, courts have uniformly rejected the notion that this enumerated offense applies to patent infringement **claims** . Largely, as noted above, this conclusion is the result of a logical reading of the offense. If the drafters of the policy had intended to **cover** "infringement of patent," the **term** "patent" could easily have been included in the series of intellectual property matters following the **word** "infringement" (copyright, title and slogan). Reading "patent" into this string of offenses is simply reading... are protected by common law principles of unfair competition. The phrase simply cannot reasonably be **interpreted** to encompass **claims** involving **patent** infringement." Id. at 734. Finally, the court concluded that because a finding of inducement requires...

... i.e., the intent to induce others to commit patent infringement, public policy precludes insurance **coverage** for such **claims** .

Bryan M. Weiss is an associate attorney with the firm of Murchison & Cumming in Los...

26/3,K/6 (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01918037 05-69029
Patent pools and the antitrust dilemma
Carlson, Steven C
Yale Journal on Regulation v16n2 PP: 359-399 Summer 1999
ISSN: 0741-9457 JRNL CODE: YJR
WORD COUNT: 18487

...TEXT: grant blocking patents. Alternatively, courts may interpret otherwise distinct patents as blocking, either through a **broad** construction of the literal **claim language** , by applying the doctrine of equivalents, or through unpredictable jury verdicts. Patentees, too, may deliberately...

... to frustrate the patenting programs of competitors.50 Thus, a number of patents will often **cover** the same product, creating difficulties for those seeking to develop their patented technology.

B. Patent...

26/3,K/7 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01673525 03-24515
Pioneer v Warner--A 'European' Judgement? Direct products of the process do not include those that are further processed
Batchelar, Timothy
International Review of Law, Computers & Technology v12n1 PP: 173-177 Mar 1998
ISSN: 1360-0869 JRNL CODE: IRLC
WORD COUNT: 2536

...TEXT: Civil Division, (1997) 37 IPR 585.

The recent Court of Appeal decision to interpret the **word** 'directly' in section 60(1)(c)' of the Patents Act 1977 (U.K.) according to...

... approach by the court, which may have much more far-reaching consequences for the future **interpretation** of UK **intellectual property** statutes than this seldom visited subsection might otherwise have suggested. The writer drew attention to...

... from the critical issue, which concerned the requirement of an enabling disclosure and whether the **claim** was too **broad** under section 5(2)(a) Patents Act 1977. The membership of the EPO Boards of...

26/3,K/8 (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01670028 03-21018
Information-age acquisitions: Locking up assets, Part I
Weiss, Barry D
Mergers & Acquisitions v33n1 PP: 19-26 Jul/Aug 1998
ISSN: 0026-0010 JRNL CODE: MEA
WORD COUNT: 4949

...TEXT: comfortably verified the patent's validity, it should analyze the strength of the patent in **terms** of the **scope** of the patent owner's rights and the potential infringer's liability. The interpretation of the **claims** stated in the patent determines these rights, and thus the strength of the patent. Most **claims** will have been drafted narrowly enough to describe the parameters of the invention and satisfy...

... so this language should be the focal point of a buyer's due diligence strength **analysis** . A more **broadly** drafted **patent** may appear to encompass a larger invention, and thus obtain a greater **value** . But such a patent also is more likely to infringe on elements of prior art...

... and be subject to a greater risk of challenge - and in actuality obtain a lesser **value** .
Basic Copyright Principles

Copyright protection is available for literary, audiovisual, and other works of expression...

26/3,K/9 (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01530715 01-81703
DIALOG select: DIALOG for knowledge workers--on the Web
O Leary, Mick
Online v21n6 PP: 40-42 Nov/Dec 1997
ISSN: 0146-5422 JRNL CODE: ONL
WORD COUNT: 1765

...TEXT: analysis, there are most of the IAC databases, Business & Industry, ABI/INFORM, Business Dateline, Investext, **Textline** , PR Newswire, and Business Wire. Sci-tech files include BIOSIS, CA Search, COMPENDEX, Embase, INSPEC, MEDLINE, NTIS, and several other specialized files. Intellectual property is represented by US **Patents** Fulltext,

CLAIMS , World **Patents** **Index** , and TRADEMARKSCAN. General news **coverage** comes from AP, Reuters, and dozens of U.S. newspapers, including the New York Times...

26/3,K/10 **(Item 10 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01510463 01-61451
Virtual file merging: A technique to enhance patent searches
Lambert, Nancy
Database v20n5 PP: 36-44 Oct/Nov 1997
ISSN: 0162-4105 JRNL CODE: DTB
WORD COUNT: 2200

...TEXT: in general.

I plan to search both the IFI Uniterm database and the Derwent World **Patents** **Index** . IFI **covers** only U.S. **patents** , but it provides more than free- **text** searching. I can also search a Uniterm **indexing** **term** and two U.S. **patent** **classifications** specific to fullerenes. Also, IFI and Derwent have different **text** -the U.S. patent abstract and all **claims** in IFI, the Derwent-written alerting abstract in WPI-to search for fullerenes free- **text** . However, IFI provides no easy way to separate out petroleum applications in general; whereas in WPI I can limit to **patents** **classified** in Derwent Section H, Petroleum Chemistry. (Formula Omitted)

(Formula Omitted)
I see that the first...

26/3,K/11 **(Item 11 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01473338 01-24326
Patients v. patents? Policy implications of recent patent legislation
Katopis, Chris J
St. John's Law Review v71n2 PP: 329-401 Spring 1997
ISSN: 0036-2905 JRNL CODE: SJLR
WORD COUNT: 31256

...TEXT: States utilizes peripheral claiming system rather than central claiming system utilized by majority of other **countries** , most notably Japan and Germany) [hereinafter Doctrine of Equivalents]. A central claiming system requires a patentee to define the underlying inventive principle or solution in the **language** of the patent claims. Id. at 503. Under a peripheral claiming system, the **scope** of a patent is more narrowly determined by the **language** of the claim itself. Toshiko Takenaka, **INTERPRETING** **PATENT** **CLAIMS** : THE UNITED STATES, GERMANY, AND JAPAN 113-34 (17 IIC Studies-Studies in Industrial Property...

26/3,K/12 **(Item 12 from file: 15)**
DIALOG(R)File 15:ABI/Inform(R)

01447531 00-98518
Limits to forum shopping in European patent cases
Anonymous
International Commercial Litigation n19 PP: 22-26 May 1997
ISSN: 1359-2750 JRNL CODE: ICL

WORD COUNT: 2985

...TEXT: In Coin Controls, the defendants had indicated that they would put the validity of the **patents** in issue. In **interpreting** the **words** principally concerned in Article 19, the judge in Coin Controls held that the issue which had to be decided was whether the three foreign **claims** sought to be raised in the English courts were principally concerned, in the **broad** sense, with the issue of validity of the foreign patents. Laddie J emphasized that in...

26/3,K/13 (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01405401 00056388
What is the Eleventh Amendment immunity?
Vasquez, Carlos Manuel
Yale Law Journal v106n6 PP: 1683-1806 Apr 1997
ISSN: 0044-0094 JRNL CODE: YLJ
WORD COUNT: 69466

...TEXT: render largely moot the issues I develop in this Article. Because the Court rejected this **interpretation** in Seminole Tribe, Section B describes the central features of the forum-allocation and immunity... different state or of a foreign state.66 He combined this view, however, with a **broad** theory of congressional power to abrogate sovereign immunity under Article I.67 Eventually, Brennan embraced...

... congressional abrogation.68 Three of his colleagues concurred in this view,69 and at one **point** the Court was evenly divided on whether to adopt it.70 In Union Gas, however... to the need for a federal forum to give efficacy to all federal laws. The **point** is even more compelling when the federal law at issue is one that imposes a...

... not the only recent decision that supports the immunityfrom-liability interpretation--indeed, in the previous **Term** the Court used **language** that supports it even more clearly93--but its principal holding elevates substantially the significance of...Congress's power to abrogate except in certain circumstances, this decision obviously makes understanding the **scope** of Eleventh Amendment immunity all the more important.

C. The Relationship Between the Immunity-from... from-liability interpretation of that Amendment. Not only did a number of those opinions state **broadly** that the Amendment has no application in state courts,115 but the Court also unanimously...

... viewed the Amendment as bearing only on original federal jurisdiction--that the Amendment, in other **words** , does not have any bearing on whether states are liable to individuals for damages, but... wrong. The doctrinal payoff for their historical scholarship has been small, and not just if **measured** by its success in the Supreme Court. In response to scholarly challenges to the theory...

... persistent of the diversity theorists who stress Framers' intent, William Fletcher,186 has clarified the **scope** of his historical **claims** , and they appear to be quite modest. Although he **claims** that the Eleventh Amendment was not intended to withdraw "arising under" jurisdiction over suits against...

... 2) the Court mistakenly believed that history provided an answer. The first objection seems purely **terminological** . Substantively, Fletcher is willing to concede that an interpretation of Article III's "arising under

...

... of the Eleventh Amendment did not mean to deny states that protection. As far as **terminology** is concerned, I am willing to stipulate that the **term** "Eleventh Amendment immunity" is shorthand for the protection that any part of the Constitution gives...

... diversity theorists and their critics is not so much about history as about the relative **weight** constitutional interpreters should give to other types of arguments, including arguments about stare decisis" and... that liability.

Footnote:

274. See supra note 6.

275. See supra note 268 and accompanying **text** . 276. See Seminole Tribe v. Florida, 116 S. Ct. 1114, 1124-25 (1996). 277. See respect to **claims** brought under section 1983 to enforce obligations of the state under statutes enacted under Article 1, Congress's power to abrogate the immunity from liability would be **broader** than its power to abrogate immunity from lower federal court jurisdiction, if one interpreted Eleventh...

26/3,K/14 (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01276705 99-26101
United States: Role of juries restricted in patent cases
Kim, Grant
International Commercial Litigation PP: 44 Jun 1996
ISSN: 1359-2750 JRNL CODE: ICL
WORD COUNT: 784

...TEXT: was infringed, but the judge granted judgment for the defendant, holding that under a correct **interpretation** of the **patent** , the defendant indisputably did not infringe. The Federal Circuit affirmed, holding that "the **interpretation** and construction of **patent claims** , which define the **scope** of the patentee's rights under the patent, is a matter of law exclusively for...

26/3,K/15 (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01189097 98-38492
The costs of European Patent protection
Anonymous
Managing Intellectual Property n57 PP: 19-27 Mar 1996
ISSN: 0960-5002 JRNL CODE: MPR
WORD COUNT: 6993

...TEXT: this different translation.

Technology transfer is effected, in part, by documentation in the non-official **language** in **countries** that are members of the European system. This purpose is served by the suggested supplemental...

... invention. The limited translation would be for the purpose of technology transfer as opposed to **patent** enforcement or **interpretation** .

Solution is necessary

If a solution to the translation problem is not implemented, a result...

26/3,K/16 (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01074717 97-24111
Patent law in the US
Hill, David W
Managing Intellectual Property Patent & Design Yearbook PP: 87-90 1995
ISSN: 0960-5002 JRNL CODE: MPR
WORD COUNT: 2424

...TEXT: to rule that a dispute about the proper interpretation of a term in a patent **claim** is not a question of fact and consequently need not, under the Constitution, be settled by a jury. By holding that disputes about the meaning of **terms** used in patent' **claims** are not factual in nature, the Court has fundamentally changed the way in which these...

...been widely assumed, as noted by Judge Newman, in her dissent, that "the meaning and **scope** of disputed technologic and other **terms** of art in particular usage are classical questions of fact". As a result, it has...

... testimony, technical expert testimony, patent expert testimony, the infringer's understanding or use of the **terms** and evidence showing the state of the prior art.
In view of the Markman decision...

26/3,K/17 (Item 17 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01050711 97-00105
Patent family databases 10 years later
Simmons, Edlyn S
Database v18n3 PP: 28-37 Jun/Jul 1995
ISSN: 0162-4105 JRNL CODE: DTB
WORD COUNT: 6464

...TEXT: STN, which has additional enhanced indexing and is restricted to subscribers. Although only U.S. **patents** are **indexed** in the **CLAIMS** databases, equivalent **patents** from five **countries** were added to the records of chemical patents from the beginning of the service in...

... or foreign patents, U.S. application or priority data, assignee or inventor names, and subject **terms** .

WHICH DATABASE SHOULD YOU SEARCH?

* Where you should search for patent family information depends upon...

... extra charge. APIPAT or CLAIMS may be the only places to find equivalents for some **patents** **indexed** before Derwent began full chemical **patent** **coverage** in 1970. These three databases provide deep subject **indexing** of chemical **patents** as well as **patent** family information. Deep **indexing** of the **patent** **text** is not present in the other patent family databases.

Options for nonchemical patents are much...priority application number. If

a single patent application is filed in the patentee's home **country** and the identical application is filed in all other **countries** claiming that application for priority, it is easy to determine that each of the patents ...

... family. Although that is the most common procedure, applicants are not restricted to a single **claim** for priority. If two closely related patent applications have been filed within a year, the applicant can combine the applications for foreign filing and **claim** both of the original applications for priority when filing for patents in other **countries** . Because research and development usually continue after a patent application has been filed, patent applicants...

... serial number, using the later application for priority when they file patent applications in other **countries** . In the United States, before GATT-enabling legislation goes into effect on June 8, 1995...
... invention and creating complicated relationships among the resulting patents. To clarify the meaning of the **term** "patent family," it is helpful to have a vocabulary that can differentiate the types of...

26/3,K/18 (Item 18 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01021742 96-71135
Changes in Japan mean a more pro-patent law
Yamamoto, Shusaku
Managing Intellectual Property n48 PP: 19-22 Apr 1995
ISSN: 0960-5002 JRNL CODE: MPR
WORD COUNT: 3067

...TEXT: of what terms are used, grammar and semantics.

But with the new amendment allowing a **broad scope** of claims, even under the courts' literal and strict **interpretation** of the **claim language** , **patent** owners will be more able successfully to bring suit against infringers.

The courts' interpretation of...

26/3,K/19 (Item 19 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00891938 95-41330
Scouring for chemical technology information
Duberman, Josh
Database v17n4 PP: 55-62 Aug 1994
ISSN: 0162-4105 JRNL CODE: DTB
WORD COUNT: 3510

...TEXT: year on some of the special indexing files. Subscribers also have access to additional chemical **indexing** , such as role codes.

* World **Patent Index** (WPI): (DIALOG, ORBIT, Questel, STN, produced by Derwent--information on patents from 37 **countries** and authorities worldwide, from 1974 on all subjects, with some subjects back to 1963. English...

... is a good source for patent equivalents, and the patent titles are enhanced with additional **terms** , which is helpful when scanning titles

only. Some information and a basic classification scheme is...

...an abbreviations guide, Patent Number Formats and Kind Codes, and guides to Derwent classifications and **coverage** .
* CA: (available on most major scientific online services) Approximately 17% of the file is patents...

26/3,K/20 (Item 20 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00880407 95-29799
Drug patent extension information online: Monitoring post-approval regulatory developments
Snow, Bonnie
Online v18n4 PP: 95-100 Jul 1994
ISSN: 0146-5422 JRNL CODE: ONL
WORD COUNT: 3582

...TEXT: EXTENSION INFORMATION

Expiration dates are not customarily incorporated into original patent documents issued by granting **countries** , which helps explain why most online patent databases omit information about expiration dates and subsequent extensions. Derwent World **Patents Index** , for example, cannot help answer questions about exact statutory **terms** of protection for documented inventions. Some **CLAIMS** /U.S. Patents Abstracts records do add the **word** "Extended" to indicate patent protection beyond the statutory 17 years from issue date, but the...

... specified. To find the exact duration, the searcher can turn to another IFI/Plenum database, **CLAIMS** /Reassignment & Reexamination (**CLAIMS** /RRX).
File 123:CLAIMS(R)/Reass.& Reexam. 1994/Mar 15

(c) 1994 IFI/Plenum Data...

26/3,K/21 (Item 21 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00728737 93-77958
Japan
Tsujii, Koichi
International Financial Law Review Ideas in the Making Supplement PP: 9-12 Sep 1992
ISSN: 0262-6969 JRNL CODE: IFL
WORD COUNT: 2074

...TEXT: written expert opinions as to infringement to be submitted as documentary evidence.

INFRINGEMENT

The technical **scope** of an invention is, in principle, interpreted based upon the **language** of the **claim** in the patent in suit. This principle is very important, but there are various interpretations of its meaning and certain exceptions. Although such interpretations and exceptions are outside the **scope** of this article, it should be noted that courts are not very receptive to the...

... principle, has to prove literal infringement. However, this does not

mean that only the literal **wording** of the **claims** of a patent is considered by the court. The court may find infringement by **interpreting** the **language** of the **patent claim** in view of other evidence such as the specifications, file wrapper, prior art and drawings...

26/3,K/22 (Item 22 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00716216 93-65437
Eighteen months to publication: Should the United States join Europe and Japan by promptly publishing patent applications?
Ragusa, Paul A
George Washington Journal of International Law & Economics v26n1 PP: 143-180 1992
ISSN: 0748-4305 JRNL CODE: JIL
WORD COUNT: 17361

...TEXT: of the Trade Act of 1974, 19 U.S.C. Sec 2242 (1988), by adding **countries** that "deny adequate substantive standards" to those **countries** already subject to "Special 301" treatment. S. 3190, 102d Cong., 2d Sess. Sess. 3(2) (1992). According to the bill, a foreign **country** denies adequate substantive standards if: (i) patent applications are subject to pre-approval oppositions; (ii...

... years; (iii) patent application approval takes an inordinately long period of time; (iv) a patent **term** of less than 17 years from the date of grant or 20 years from the...

... v) there is an inordinate delay in obtaining judicial review of patent applications; or (vi) **patent claims** are **interpreted** in an unnecessarily narrow manner. Id. Sec 3(3); see Bill Would Amend 'Special 301...

26/3,K/23 (Item 23 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00534783 91-09127
Patents - Markush and All That Stuff
Buntrock, Robert E.
Database v14n1 PP: 94-95 Feb 1991
ISSN: 0162-4105 JRNL CODE: DTB

...ABSTRACT: labeled "R" or another chemically nondescript symbol, with the variable identity of R stated in **text** . Shorthand symbolism allows patent applicants to extend their **claims** efficiently to the **breadth** that patent laws allow. The staffs of **patent** abstracting and **indexing** organizations and many searchers of **patents claim** that very **broad** disclosures are more prevalent, difficult to index, inconsistent, incomprehensible, logically and chemically impossible, and infinite. Others, including many patent applicants, **claim** that there is no problem. Two Markush search systems allow for substructure searching of Markush...

26/3,K/24 (Item 24 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00469498 89-41285
Patents in Non-Patent Databases: Bioscience Specialty Files

Snow, Bonnie
Database v12n5 PP: 41-48 Oct 1989
ISSN: 0162-4105 JRNL CODE: DTB

...ABSTRACT: trends, patterns, and gaps in overall research efforts. Several online resources are devoted entirely to **coverage** of this literature, including: 1. Derwent's WORLD **PATENT INDEX** , 2. IFI/Plenum's **CLAIMS** files, and 3. INPADOC. In addition, several subject-oriented databases include **patent indexing** in their **scope** . CA SEARCH devotes over 30% of its **coverage** to patent records, and, in 1986, BIOSIS PREVIEWS added the Official Gazette of the US...

... selection of patents potentially relevant to a specialty area, 2. indexing of their contents using **language** already familiar to researchers, and 3. information usually inaccessible in the journal literature until after...

26/3,K/25 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02671602 (USE FORMAT 7 OR 9 FOR FULLTEXT)
OR 178-12 MIT Scientists Don't Want Jeeves to Ask
(MIT scientists file patent infringement suit against online natural-language question answering services firm Ask Jeeves)
Online Reporter, p N/A
December 27, 1999
DOCUMENT TYPE: Newsletter (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 135

(USE FORMAT 7 OR 9 FOR FULLTEXT)
(MIT scientists file patent infringement suit against online natural-language question answering services firm Ask Jeeves)

TEXT:
A couple of scientists at MIT in the field of artificial intelligence have filed a **patent** infringement suit against online natural- **language** question answering services firm Ask Jeeves. Patrick Winston and Boris Katz, both academic research scientists in **AI** and natural **language** , allege that Ask Jeeves infringes two US **patents** issued to the doctors in 1994 and 1995 relating to methods for facilitating computer **text** and database retrieval, including using natural **language** in searching. They are seeking treble damages for willful infringement of the **patents** and an injunction to keep Jeeves from making, using or selling its search products or...

26/3,K/26 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02330095 (USE FORMAT 7 OR 9 FOR FULLTEXT)
State Street Bank & Trust CEO Marshall Carter
(State Street Bank & Trust sees itself as a technology concern: patented **a portfolio-construction system that it developed)**
FutureBanker, v 2, n 12, p 110
December 1998
DOCUMENT TYPE: Journal ISSN: 1092-9061 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 677

(USE FORMAT 7 OR 9 FOR FULLTEXT)
(State Street Bank & Trust sees itself as a technology concern: patented a portfolio-construction system that it developed)

TEXT:
...developed by the bank's State Street Global Advisors unit that's built around a **neural** network. Such systems are hardly unknown, but most companies keep them a secret; only a technology company would **patent** them.

Stephen Biggar, a banking **analyst** at Standard & Poor's, says Carter saw early on that there would be a need...

26/3,K/27 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02280115 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Kodak and Intel join together for consumer products
(Eastman Kodak and Intel Corp have entered a 10-yr deal to promote consumer digital imaging through technology and patent cross-licensing)
Photo Marketing, v 73, n 10, p 52+
October 1998
DOCUMENT TYPE: Journal ISSN: 0031-8531 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1219

...(Corp have entered a 10-yr deal to promote consumer digital imaging through technology and patent cross-licensing)

ABSTRACT:
...They will develop distinct brands, provide education and advertise through retail promotions, online, print and **broadcast** media. Common **terminology** and themes will be used. The two firms have entered into a ten-yr deal to promote consumer digital imaging through technology and **patent** cross-licensing. Their first joint product will be Picture CD, which has recently begun test...
...provide a bridge between traditional photofinishing and digital imaging. Qualex Inc and Kodak's D & **AI** unit are developing means to integrate Picture CD into standard photofinishing procedures. Photo CD has...

26/3,K/28 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02141122 (USE FORMAT 7 OR 9 FOR FULLTEXT)
IBM, Symantec Cross-License As Intel Looks On
(IBM cross-licenses its patented immune system technology to Symantec in exchange for access to Symantec's antivirus technology)
Newsbytes News Network, p N/A
May 19, 1998
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 466

(USE FORMAT 7 OR 9 FOR FULLTEXT)
(IBM cross-licenses its patented immune system technology to Symantec in exchange for access to Symantec's antivirus technology)

TEXT:
...s vice president of distributed systems services, said her firm will

continue to develop its **neural** network immune system approach, which she **termed** a "very exciting area of research." IBM holds six **patents** in the area, to which Symantec will now have access.

The immune system approach is...

26/3,K/29 (Item 5 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02020321 (USE FORMAT 7 OR 9 FOR FULLTEXT)
UK - Datawatch Unveils Adobe PDF File Info Extractor
(Datawatch introduces Redwing, intelligent data extraction utility for Adobe Acrobat)
Newsbytes News Network, p N/A
December 12, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 585

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...tables and similar information within a PDF file and can export them to spreadsheet, database, **word** processor, and other desktop applications. "The package was designed to move tabular data to Monarch...

...documents, and is already the standard for delivering portable documents on the Web. The company **claims** that, while Adobe's Acrobat Reader and Acrobat Exchange let users view and print PDF...
...plug-in works as an extension to Acrobat Exchange and lets users selectively extract formatted **text** and tabular data from PDF files. A typical user, Davies said, would be a financial...

...who wants to extract data from a financial disclosure PDF downloaded from the Internet. Datawatch **claims** that accuracy of extracted data is the most critical feature desired by potential users of this technology. Redwing extracts **text** and tables from even the most complex PDF documents with 100 percent claimed character accuracy and a 99.99 percent claimed feature accuracy. According to Datawatch, character accuracy **measures** the extent to which Redwing properly recognizes extracted characters. For example, the firm **claims** , Redwing would never confuse the number "1" with the lower case letter "T." Feature accuracy, meanwhile, **measures** the extent to which Redwing properly interprets formatting information such as white space, inter-character spacing, inter- **word** spacing, cell boundaries, and column alignments. The technology behind Redwing is claimed to be the result of years of research into electronic document methodologies. Competing **text** extraction products, the company **claims** , rely on simple **word** bounding as exposed through Acrobat's API (application programming interface). In contrast, Redwing is billed as analyzing boundaries using low level, character-oriented segmentation methods. Consequently, the company **claims** , the package **analyzes** **text** and table geometry using **patented** algorithms for best results. In addition, officials **claim** , Redwing's extraction interface is "persistent," meaning that the extraction definitions can be stored with the PDF file. This interface, the company **claims** , lends itself to use in a workflow environment. Redwing is available for Windows 95 or...

26/3,K/30 (Item 6 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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02017660 (USE FORMAT 7 OR 9 FOR FULLTEXT)
IBM, Trend Micro Ink Patent Cross-Licensing Pact
(In a move designed to increase the anti-virus market share for both companies, IBM Corp and Trend Micro Inc today signed a patent cross-licensing agreement allowing each company to market the other's anti-virus products)
Newsbytes News Network, p N/A
December 11, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 575

(USE FORMAT 7 OR 9 FOR FULLTEXT)
IBM, Trend Micro Ink Patent Cross-Licensing Pact
...(virus market share for both companies, IBM Corp and Trend Micro Inc today signed a patent cross-licensing agreement allowing each company to market the other's anti-virus products)

TEXT:
...share for both companies, IBM Corp. (NYSE:IBM) and Trend Micro Inc. today signed a **patent** cross-licensing agreement allowing each company to market the other's anti-virus products. The agreement, **covering** about a dozen issued and pending **patents** from Trend Micro and about a dozen issued and pending IBM **patents** , also **covers** any of the more than 13,000 **patents** issued in the US and 30,000 issued worldwide in IBM's portfolio relating to computer anti-virus issues. Specific **terms** of the agreement, including financial considerations were not made public. "Both IBM and Trend Micro...

...computer virus protection," Steve Chang, Chairman and CEO of Trend Micro said. "By cross-licensing **intellectual property** in tAhese areas while also recognizing each other's **patent** rights and letting each other compete in a fair and open market, all computer users...

...company's virus protection technology products, sold directly and through a network of corporate and **value** -added resellers, has been chosen by Oracle, Intel, Netscape, Sun Microsystems, Lotus Softswitch, Wingra, Control...

...a key part of their server security solutions. Wheaton said that Trend Micro's key **patents** relate to the protection of entire computer networks by detecting viruses at the gateway between...
...of macro viruses without having to individually analyze every new virus. IBM's anti-virus **patents** focus on ways to detect viruses that use encryption to disguise themselves, methods to automatically...

...routines for previously unknown viruses and distribute them throughout a network, and the use of **artificial intelligence** that enables virus protection to get smarter over time about identifying and removing viruses. "We believe recognition of **intellectual property** rights as they apply to both hardware and software products is significant, as IBM seeks to protect its **patented** invention," Marshall C. Phelps, Jr., IBM's vice president of **intellectual property** and licensing, said. "IBM invests significant amounts of its time and resources in the research...

...and our customers for IBM to make these inventions available through license agreements." The cross- **patent** agreement also eliminates the possibility of **patent** -infringement lawsuits between IBM and Trend Micro over anti-virus products, he said. Wheaton said...

...Network Associates (formerly McAfee Associates), Symantec Corporation and Integralis, Inc., over alleged infringement of a **patent** issued in May

1997. The **patent** , US Pat No. 5,623,600, focuses on virus protection at the Internet gateway and...

26/3,K/31 (Item 7 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01896683 (USE FORMAT 7 OR 9 FOR FULLTEXT)
OncorMed Patents Method To Identify High Risk Patients
(OncorMed Inc has received a US patent for its method to search databases and make clinical comparisons between patients whose profiles indicate they are at risk for certain diseases)
Newsbytes News Network, p N/A
July 24, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 550

OncorMed Patents Method To Identify High Risk Patients
(OncorMed Inc has received a US patent for its method to search databases and make clinical comparisons between patients whose profiles indicate...
)

ABSTRACT:
OncorMed Inc has received a US **patent** for its method to search databases and make clinical comparisons between patients whose profiles indicate...

...she added, such involvement is completely voluntary and strictly confidential. This method differs from standard **neural** net technology and software where people must use their judgment to decide what is abnormal and what is not. The newly **patented** method, uses a technology that, unlike **neural** net technology, does not require human judgment to determine what is abnormal for a given case. OncorMed's **patented** method looks for patterns and does not leave such identifications to chance or the possibility...

...said, but minimum memory over that depends on the size of the database. The full- **text** article does not contain any further significant information. ...

26/3,K/32 (Item 8 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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01675940 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Recent Developments in Patent Law
(Biotechnology Process Patent Protection Act allows inventors to patent old process that produces a new and nonobvious product)
BioPharm, v 9, n 10, p 14
November 1996
DOCUMENT TYPE: Journal ISSN: 1040-8304 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1158

(USE FORMAT 7 OR 9 FOR FULLTEXT)

ABSTRACT:
...may further change how patents affect the biotech industry. Full text looks at changes in **patent** law, looking specifically at **interpretation** of **claims** and the doctrine of equivalents. Full **text** looks at the Biotechnology Process Patent Protection Act in greater detail.

...

TEXT:
...nonobvious product. Pending legislation may further change how patents affect the biotech industry.

Interpretation of **claims** . The U.S. Supreme Court recently held that the interpretation and meaning of the **claims** in a patent, which define the **scope** of a patent owner's rights, are to be determined solely by a judge. Markman...

...1463 (1996). Given the facts of a case and a judge's interpretation of the **claims** , a jury decides whether said **claims** have been infringed. Before this decision, juries often interpreted the **claim language** themselves.

It is likely that most courts will hold Markman hearings, in which each party...

26/3,K/33 (Item 9 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

01278835 (USE FORMAT 7 OR 9 FOR FULLTEXT)
TI patent award reversed
(US District Judge reverses jury decision that Cypress Semiconductor, LSI Logic and VLSI Technology violated Texas Instruments' plastic packaging patents)
Electronic Engineering Times, n 864, p 8
September 04, 1995
DOCUMENT TYPE: Journal ISSN: 0192-1541 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 517

ABSTRACT:
...Technology Inc. had violated TI patents on plastic packaging. The two patents in the case **cover** encapsulating integrated circuits by injecting fluid plastic through an aperture in the bottom half of...

...mold cavity containing the device. Commonly called bottom-gating, this is the packaging process most **broadly** used by the semiconductor industry, TI said. Sanders, using a new case precedent giving judges...

...Santa Clara, Calif.) settled with TI before the case went to trial. "TI has not **pointed** to any evidence in the record upon which a jury could find that those terminals...

...in a case called Markman vs. Westview Instruments, gave the trial judge exclusive jurisdiction to **interpret patent claims** . "Judge Sanders's ruling is inexplicable and in direct opposition to the jury's findings...

26/3,K/34 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire

00586293 20010918261B8616 (USE FORMAT 7 FOR FULLTEXT)
MIPS Technologies Receives Favorable Ruling in Markman Hearing Of Patent Infringement Case Against Lexra
Business Wire
Tuesday, September 18, 2001 08:02 EDT
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 590

...implementations like Lexra's.

The Court's ruling also set forth its interpretation regarding the **claims** of
the other patent presently involved in the lawsuit, United States Patent No.
5,864,703 (`703). At the Markman hearing, Lexra argued for interpretations of
several **terms** that would limit the **scope** of the **claims** . The Court rejected a
number of Lexra's arguments concerning the `703 patent during the hearing,
while adopting an interpretation of one **claim** limitation supported by Lexra.
MIPS Technologies, however, believes that it will be able to prove Lexra's
infringement of the '703 **patent** under this **interpretation** .

In a related matter, the `976 patent is the subject of a reexamination before
the...

26/3,K/35 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

02296097 SUPPLIER NUMBER: 54615725 (USE FORMAT 7 OR 9 FOR FULL TEXT)
L&H Patent Takes It a Step Closer to AI.
Computergram International, 3659, NA
May 12, 1999
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 116 LINE COUNT: 00012

L&H Patent Takes It a Step Closer to AI.

TEXT:
...NV, Belgium, says that the award of a new European patent takes it closer to **artificial intelligence** . Founder Gaston Bastiaens claims it brings forward the prospect of "having open dialogue with your computer." The **patent** , which has already been granted in the US, determines the ratio between acoustic recognition and statistical recognition. When its software compares spoken input against hundreds of possible **word** sequences, it picks the sequence with the best recognition **score** . This depends on two elements; the acoustic match and the statistical likelihood of this **word** sequence being spoken. The **patent covers** the **weighting** of the two elements in the recognition **score** .

26/3,K/36 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01977811 SUPPLIER NUMBER: 18631503 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Software patents: a new order? (Rules of the Game) (Industry Legal Issue)(Column)
Groenewold, Glenn
UNIX Review, v14, n10, p89(5)
Sep, 1996
DOCUMENT TYPE: Column ISSN: 0742-3136 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1995 LINE COUNT: 00160

...ABSTRACT: claims define the scope of the patent. A patent infringement lawsuit depends largely on the **interpretation** of **patent** documents. In these cases, the judge, and not the jury, decides the meaning and **scope** of the **language** in the patent itself. The jury continues to determine the facts regarding whether or not...
... the patent.
Patent-infringement lawsuits in which the interpretation of the patent documents--including the **claims** --had been left to the jury often resulted in an uproar. One losing attorney complained...

...review and ruled that the judge, not the jury, should decide the meaning--and the **scope** --of the patent **language** .
In a decision handed down in April 1996, the Supreme Court again deferred to the...

26/3,K/37 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01644441 SUPPLIER NUMBER: 16226440
Texas Instruments' loss in patent case sets up extended battle with Fujitsu.
Hamilton, David P.
Wall Street Journal , Thu ed, col 4, pB8(W) pB8(E)
Sept 1, 1994
ISSN: 0193-2241 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

ABSTRACT: A Japanese court has rejected a patent **claim** by Texas Instruments (TI) and by doing so has raised questions about patent protection for...

...625 per share to $77.875 after the news. The court stated in a one-**sentence** ruling that there was no patent infringement by Fujitsu Ltd of TI's patent of...

...appeal the ruling and expressed concern that foreign companies in Japan could not protect their **patents** in that **country** . **Analysts** say that the ruling could start a new round of battles over trade issues between...

26/3,K/38 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01639381 SUPPLIER NUMBER: 15316344
Mapping the shape of human emotions to give computers more realistic speaking skills. (Dr. Manfred Clynes receives patent to develop computer-generated speech) (Patents)
Riordan, Teresa
New York Times, v143 , Mon ed, col 4, pC2(N) pD2(L)
April 18, 1994
ISSN: 0362-4331 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...shape of human emotions to give computers more realistic speaking skills. (Dr. Manfred Clynes receives patent to develop computer-generated speech) (Patents)

ABSTRACT: Dr. Manfred Clynes, the head of Microsound International Ltd and neuroscience expert, has received a **patent** to develop a system that will add emotional inflections to a computer's voice. **Artificial intelligence** experts believe that past efforts in voice synthesis have focused on the

rules of **language** rather than the expressions found in human emotions, thereby resulting in flat sounding voices. Clynes...

26/3,K/39 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01606704 SUPPLIER NUMBER: 14009949 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Database searches will never be the same once InfoPro enhances its software. (InfoPro Technologies Inc.'s Orbit Online)
Computergram International, CGI06140009
June 14, 1993
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 990 LINE COUNT: 00077

... user's machine. And customers requiring patent information from databases such as the Derwent World **Patents Index** , Inpadoc, and World Coatings Abstracts, should be able to use the service in about two...

...will, for the first time, be able to access on-line images of patent drawings **covering** chemical structures and mechanical and electrical engineering schematics. They will also have access to a...

...request either file transfers or off-line prints, which are merged with bibliographic patent record **text** . Images retrieved either on-line or by file transfer can be imported to **word** processing or graphics applications for integration into reports. Although a charge will be made for...
...about two weeks' time, it will make a proprietary de-duplification facility available, which it **claims** is unique. This service enables users to identify patent duplicates within a set of records...

26/3,K/40 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01564707 SUPPLIER NUMBER: 15035680
Multimedia patent to be re-examined. (Compton's Newmedia Inc.) (Business)
Langberg, Mike
San Jose Mercury News, p1F(1)
Dec 17, 1993
ISSN: 0747-2099 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: electronics industry executives reacted strongly to the company's patent. Multimedia software technology integrates video, **text** and sound into a single application. Industry officials believe the patent office let the firm make sweeping **claims** in its patent application and did not consider prior multimedia technological innovations that came before Compton's Newmedia's **claim** . Company officials believe the re-examination is a positive move because they feel it will avoid expensive and lengthy legal battles with competing multimedia developers. Industry **analysts** predict the **patent** office will narrow the **scope** of the company's **claim** , thereby reducing its right to royalties. Compton's Newmedia produces a CD-ROM encyclopedia.

26/3,K/41 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01491682 SUPPLIER NUMBER: 13352716
A computer that could hear poodles. (a computer that processes information

more like humans, a voice-recognition security system for computer networks and a way to preheat catalytic converters) (Patents) **(Column)**
Andrews, Edmund L.
New York Times, v142 , Mon ed, col 4, pC2(N) pD2(L)
Nov 30, 1992
DOCUMENT TYPE: Column ISSN: 0362-4331 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...a voice-recognition security system for computer networks and a way to preheat catalytic converters) (Patents) **(Column)**

ABSTRACT: An analog **neural** network computer invented by two scientists at the University of Pennsylvania, a computer network security...

...a former American Express vice president, and a way to preheat catalytic converters have received **patents** . The computer translates light or sound into analog patterns that it can recognize up to...

...times more quickly than computers can recognize digital patterns. Because it is a general-purpose **neural** network computer, it can be trained for many different tasks including voice recognition. The security ...

...to the network, the system prompts them to call a phone number and repeat the **words** they stored. The system compares the spoken and stored **words** to allow or deny access. The catalytic converter heater eliminates inefficiency at start-up.

26/3,K/42 (Item 8 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01282783 SUPPLIER NUMBER: 07021188
Developing brain-like computers. (4,802,103) (includes related article about a new method for machine vision, patent **4,803,736)** (Patents) **(column)**
Andrews, Edmund L.
New York Times, v138, n47,778, p18(1)
February 11, 1989
DOCUMENT TYPE: column LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...like computers. (4,802,103) (includes related article about a new method for machine vision, patent **4,803,736)** (Patents) **(column)**

ABSTRACT: Federico Faggin, founder of Synaptics Inc (San Jose, CA), and Gary S. Lynch, a **neural** biologist at the Univ of California at Irvine, were awarded **patent** 4,802,103, which **covers** circuitry that can be taught to associate new events with ones that have been learned before. The system, which is an example of a ' **neural** network,' is based on grids of programmable switches called floating gates. Electrical charges stored in ...

...place. Separately, Stephen Grossberg and Ennio Mingolla, professors of computer science at Boston Univ, receive **patent** 4,803,736, for a method of machine vision that integrates two processes: one process identifies boundaries and edges; the other **measures** and analyzes qualities such as color or brightness that have to do with surface **textures** .

26/3,K/43 (Item 9 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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01152277 SUPPLIER NUMBER: 00645953
Software Publishers Seek Patents .
Ranney, E.
InfoWorld, v7, n36, p5-6
Sept. 9, 1985
ISSN: 0199-6649 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

Software Publishers Seek Patents .

ABSTRACT: **Patents** are close to being obtained by two software companies on a part of their software programs. Airus of Portland, Oregon is seeking a **patent** on an **artificial intelligence** product, and Command Software of Mountain View, California has a **patent** application for a combination of commands and menus in their Commandwriter product. Businessoft of Monesey, New York was granted a **patent** on a **word** completion function in its **word** processing product, Mindreader. Crucial to being granted a **patent** is defining how the software functions with generic hardware. **Patents** discourage competition and gain prestige, but legal fees can be exhorbitant. Some people feel a...

26/3,K/44 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

01108892
SOCIETY TOLD OF IMPROVEMENTS IN TECH-TRANSFER PRACTICES
Federal Technology Report August 10, 2000; Pg 6; Vol. 41, No. 32
Journal Code: TTR ISSN: 1042-9158/9
Word Count: 1,067 *Full text available in Formats 5, 7 and 9*

BYLINE:
Neil MacDonald, Austin, Texas

TEXT:
... that occur in the life of a technology from invention to licensing, Dozier and Dabney **claim** the CAP version can add **value** to this chain by assessing the commercial **value** of technologies at four different phases: determining whether to patent; probing for market acceptance when a **patent** is issued; **analyzing** market and revenue potential; and, using analysis of several factors to decide licensing **terms** once potential licensees are attracted.
They claim CAP allows commercial assessments to be generated ``quickly ...

26/3,K/45 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

01675972 Supplier Number: 50161579 (USE FORMAT 7 FOR FULLTEXT)
Acacia Biosciences Issued Fundamental U.S. Patent Covering Gene Expression Interpretation
PR Newswire, p713NEM012
July 13, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 719

(USE FORMAT 7 FOR FULLTEXT)
TEXT:

...the United States Patent and Trademark Office has issued to the University of California a **patent** directed to computational **analysis** and database storage of signals **measured** in in vitro and cell-based assays. The patent **claims** encompass methods for generating and storing data critical to current technologies for **measuring** and interpreting gene expression in the field of functional genomics. Under the **terms** of its agreement with the University of California, Acacia has exclusive rights to use and...
...5,777,888, and a previous patent (U.S. Patent No. 5,569,588) that **claims** the use of reporter genes in the generation of organism-wide profiles of genetic response...

26/3,K/46 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

04717252 Supplier Number: 63268193 (USE FORMAT 7 FOR FULLTEXT)
INTELLECTUAL PROPERTY: COMMISSION PROPOSES COMMUNITY PATENT.(Brief Article)
European Report, pNA
July 8, 2000
Language: English Record Type: Fulltext
Article Type: Brief Article
Document Type: Newsletter; Trade
Word Count: 722

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Munich. However, once granted by the EPO, a European, patent must be validated in the **countries** identified by the applicant. This is therefore an a la carte system to the extent be valid in a designated **country** , a patent must be translated into the relevant official languages. In addition to translation costs...

...disputes. Action over infringements has therefore to be pursued in the national courts of each **country** for which the patent was granted. This procedure inevitably leads to differences of **interpretation** of European **patent** law by national courts.A first attempt at reform was made back in 1975. Signing the Luxembourg Convention, European **countries** created a unitary provision to try and get round the drawbacks specific to the regime ...

...two major drawbacks: it fails to withdraw the translation requirement and fails to harmonise surveillance **measures** on **counterfeiting** .According to the Commission's proposal for a Regulation, Community Patent applications would be filed **claims** (i.e. the part of the patent which defines the **scope** of protection) translated into the other two. Once granted by the EPO, the Patent would immediately be valid throughout the EU.In practice, the universal **language** for patents is English and translations are very rarely consulted. For example at the Institut...a Community Regulation - which unlike a Directive is directly applicable and does not require transposition **measures** on the part of the Member States - is dictated by the need to guarantee full...

26/3,K/47 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

04471311 Supplier Number: 57011575 (USE FORMAT 7 FOR FULLTEXT)
OTHER NEWS TO NOTE.
BIOWORLD Today, vVol. 10, nNo. 207, pNA
Oct 29, 1999

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 839

... AffymetrixInc., of Santa Clara, Calif., each said a U.S.District Judge granted a favorable **interpretation** ofHyseq's **patents** , Nos. 5,202,231, 5,525,464 and5,695,940, which **cover** Hyseq's "sequencing byhybridization" technology. Hyseq **claims** Affymetrixuses the same method in its GeneChip technology.Affymetrix said the judge's decision showed Hyseq'spatents only **cover** technologies in whicholigonucleotide probes are in solution and not boundto a filter or substrate. Although...

...plans ondisputing a few of the court's interpretations, itsaid the judgment clearly defined the **term** "sequencing" to include nucleic acid fragments of thelength used by Affymetrix. The case is expected...

26/3,K/48 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04170186 Supplier Number: 54619176 (USE FORMAT 7 FOR FULLTEXT)
LERNOUT & HAUSPIE: L&H awarded European patent **for latest generation speech technology.**
M2 Presswire, pNA
May 11, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 644

LERNOUT & HAUSPIE: L&H awarded European patent **for latest generation speech technology.**
... recognition score, instead of it being pre-determined by a system designer.
"This latest European **patent** underlines L&H's continual investment in Natural **Language** Understanding (NLU). With the arrival of L&H's NLU technology we are a step closer towards **artificial intelligence** and the prospect of having open dialogue with your computer. This **patent** is a clear indication of our leadership and commitment to developing this technology," said Gaston...

26/3,K/49 (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03783573 Supplier Number: 48193406 (USE FORMAT 7 FOR FULLTEXT)
PATENTS **CONCERNING SPEECH RECOGNITION TECHNIQUES, EQUIPMENT, AND SYSTEMS**
Innovator's Digest, v97, n26, pN/A
Dec 23, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 148

(USE FORMAT 7 FOR FULLTEXT)
PATENTS **CONCERNING SPEECH RECOGNITION TECHNIQUES, EQUIPMENT, AND SYSTEMS**
TEXT:
This report (from the U.S. **Patent** Bibliographic Database) contains **abstracts** of up to 2pat50 selected **patents** concerning the methods, apparatus, and systems for use in speech recognition. The many inventions **cover** , for example: reference patterns; pattern generation; continuous and automatic speech recognition; speaker adaptation types; dynamic time-warping; real-time recognition; the use of Markov models, **neural**

nets, and fuzzy logic for identifying **words** and for separating speech signals; applications including telephony, vehicle control, data acquisition, recognition of spoken...
...to find exactly what you want, will be updated to include the most current issued **patents** available at the time you place your order.

26/3,K/50 (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03774696 Supplier Number: 48172549 (USE FORMAT 7 FOR FULLTEXT)
Patents
Analytical Instrument Industry Report, v14, n16, pN/A
Dec 11, 1997
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 384

Patents
... published on 24th July, 1997.
XRF METHOD for compositional analysis of alloys, which uses a **neural** network for data **analysis** , is proposed in world **patent** application WO 97/23776 of 3rd July, 1997 by Hendrik van Sprang on behalf of...

26/3,K/51 (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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03516942 Supplier Number: 47262726 (USE FORMAT 7 FOR FULLTEXT)
PATENTS **CONCERNING SPEECH RECOGNITION METHODS, APPARATUS, AND SYSTEMS**
Innovator's Digest, v97, n7, pN/A
April 1, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 159

(USE FORMAT 7 FOR FULLTEXT)
PATENTS **CONCERNING SPEECH RECOGNITION METHODS, APPARATUS, AND SYSTEMS**
TEXT:
This report (from the U.S. **Patent** Bibliographic Database) contains a collection of up to 250 **patent abstracts** concerning the methods, apparatus, and systems used in speech recognition. The many inventions **cover** , for example: reference patterns; pattern generation; continuous and automatic speech recognition; speaker adaptation types; dynamic time-warping; real-time recognition; the use of Markov models, **neural** nets, and fuzzy logic for identifying **words** and for separating speech signals; applications involving, for example, telephony, vehicle control, data acquisition, and...
...to make it easy to find exactly what you want, will be updated to include **abstracts** of the latest issued **patents** available at the time you place your order.

26/3,K/52 (Item 7 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2002 The Gale Group. All rts. reserv.

03468479 Supplier Number: 47150994 (USE FORMAT 7 FOR FULLTEXT)
Canada: Health Minister Backs Free Rx Drug Plan
Marketletter, pN/A
Feb 24, 1997

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Newsletter; Trade
Word Count: 949

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Dingwall is co-chairman of the Forum, with Prime Minister Jean Chretien. The report dismisses **claims** that Medicare is in crisis, saying provincial governments spend sufficiently on health and that there...

...s recommendations and evidence on free prescription drug provision to the provinces, "not only in **terms** of costs which will be saved, but also in **terms** of enhanced quality of our drug services." He says this will inevitably produce "some flak...

...of knowledge-based jobs have been created and a promising biotechnology sector has emerged. World- **class** **patent** protection for pharmaceuticals has been very good for Canada and we welcome the opportunity to...

...the market for seven years and whose active ingredients had been sourced in Canada, the **country** would save C$6-C$9.4 billion ($4.42-$6.93 billion) over 20...

...ineffectual that doctors have little way of knowing whether they have been exposed to misleading **claims** . Study author Joel Lexchin says this also means consumers have to make "a huge leap...

26/3,K/53 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

03109443 Supplier Number: 46356461 (USE FORMAT 7 FOR FULLTEXT)
THE DERWENT CLASSIFICATION SYSTEM
Worldwide Databases, v8, n5, pN/A
May 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1393

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
Derwent categorises **patent** documents using a simple **classification** system for all technologies. This unique **classification** is consistently applied to all **patents** by Derwent subject experts, enabling effective and precise searching in a particular area of technology. Patents are divided into three **broad** areas: Chemical; Engineering; and Electronic and Electrical Engineering. SECTIONS Patents are subsequently divided into 20 **broad** subject areas or Sections. These are designated A-M (Chemical); P-Q (Engineering); and S...

...is the Class for all Chemical Fertilizers. When used in combination with other online search **terms** eg. a Keyword Search, these Classes allow you to precisely and effectively restrict your search to the relevant subject area. For example, the otherwise ambiguous **word** WARN can be combined with X22 (Automotive Electrics) to retrieve only those references to automotive ...

...classifies entries to ensure that all the patents of interest are retrieved when searching. INTERNATIONAL **PATENT** **CLASSIFICATION** The International **Patent** **Classification** (IPC) is an internationally recognized classification system, which is controlled by the World Intellectual Property...

...databases at "Preferential Rates" and have access to some or all of the related intellectual **indexing** eg Polymer or Chemical **Indexing** . **PATENT** FAMILIES Derwent assembles information describing a patent family, starting with the new invention (Basic patent) and adding information about patents for the same invention issued in other **countries** (Equivalents). Equivalent patent documents are regarded as falling within the same Classification Sections as the...

...the Derwent Online Service simply contact your local Derwent office. CHEMICAL SECTIONS Chemical patents currently **covered** by Derwent are selected for inclusion in one or more of the following twelve sections... ...Pharmaceuticals C Agricultural Chemicals D Food, Detergents, Water Treatment and Biotechnology E General Chemicals F **Textiles** and Paper-Making G Printing, Coating, Photographic H Petroleum J Chemical Engineering K Nucleonics, Explosives...

...primarily intended to break down the subject matter simply and unambiguously for greater search precision. **Classification** **covers** the complete **patent** document taking into account all the **claims** , particularly references to the use of chemicals or polymers, even when the main subject matter...

...in the appropriate classes of Sections A, E and F. ENGINEERING SECTIONS Engineering patents currently **covered** by Derwent are selected for inclusion in one or more of the following 15 sections based upon the International **Patents** **Classification** (IPC) shown in brackets. P General P1 Agriculture, Food, Tobacco (A01 excluding N, A24). P2...

...master record) if it has a fresh IPC which is outside the range of IPCs **covered** by the **Classes** already assigned to the **patent** family. ELECTRONIC AND ELECTRICAL SECTIONS Electrical and electronics patents **covered** by Derwent are selected for inclusion in one or more of the following 6 Sections: S Instrumentation, **Measuring** and Testing T Computing and Control U Semiconductors and Electronic Circuitry V Electronic Components W the **claims** , particularly references to electrical applications, even when the main subject matter is chemical or mechanical ...

...to 10 May 1996. During the exhibition Derwent will be demonstrating how the Derwent World **Patents** **Index** , **covering** over 20 years of **value** -added patent information, is a critical tool for *competitive awareness, strategic planning and technical knowledge. Derwent is now the only patent information specialist to fully **cover** Japan, as well as every other major manufacturing **country** across the world. If you need competitive intelligence at your fingertips, then you cannot afford...

26/3,K/54 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02903045 Supplier Number: 45902908 (USE FORMAT 7 FOR FULLTEXT)
CAS ADDS IMAGES TO USPATFULL DATABASE ON STN INTERNATIONAL
Online Newsletter, v16, n11, pN/A
Nov 1, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 215

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...STN's PRINT function, currently scheduled for early 1996. The USPATFULL

database contains the complete **text** of patents issued by the U.S. Patent and Trademark Office (USPTO) since 1974, with partial **coverage** of selected technologies from 1971 to 1973. Each record includes complete front page data, background description, disclosure of the invention, and all **claims** . STN's implementation of the database is unique in that it includes complete indexing with...

...Registry Numbers (r) for the same or an equivalent patent; thesauri for the U.S. . **Patent** **Classification** Codes; and the current (6th) edition of the WIPO InternationalPatent **Classification** (IPC) Codes. The USPTO publishes **patents** on Tuesday of each week, and STN's U.S. patent page image and searchable **text** data is available on Thursday of the same week. Modem speeds of 14.4 Kbps...

26/3,K/55 (Item 10 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02870628 Supplier Number: 45827009 (USE FORMAT 7 FOR FULLTEXT)
Markman v. Westview Instruments, Inc.
BIOTECH Patent News, v9, n10, pN/A
Oct 1, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Professional Trade
Word Count: 1714

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...placed it in the hands of the trial judge: "the interpretation and construction of patent **claims** , which define the **scope** of the patentee's rights under the patent, is a matter of law exclusively for the court."7 The Court held that a genuine dispute regarding the **scope** of a patent **claim** , evidenced, for example, by conflicting expert testimony over the meaning of one or more of its **terms** , "does not create a question of fact," nor does it "bind ... or relieve the court of its obligation to construe the **claims** according to the tenor of the patent."8
... implicates serious Seventh Amendment concerns is what makes the Markman decision so controversial.

With a **broad** brush, the Markman Court swept away a wealth of its own precedent, and that of the Supreme Court, that held that patent **claim** construction is a legal issue resting on underlying factual issues and is, with proper instructions...

...submitted to the jury when there is a genuine dispute over the meaning of a **term** in the **claim** .19 The Court simply said that this line of precedent was "without authoritative support."20 **Pointing** to analogous law on other written evidence, the Court asserted that a "patent is a fully integrated written instrument," whose meaning and **scope** ought to be "determined entirely by a court as a matter of law."21 The...

...is, according to the Court, in enabling competitors "to ascertain to a reasonable degree the **scope** of the patentee's right to exclude," and to "rest assured ... that a judge, trained in the law, will **analyze** the **text** of the **patent** ... [and] apply the established rules of construction ... [to] arrive at the true and consistent **scope** of the patent owner's rights to be given legal effect."22

The Markman majority...

26/3,K/56 (Item 11 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02841023 Supplier Number: 45760436 (USE FORMAT 7 FOR FULLTEXT)
NEW INTELLECTUAL PROPERTY AND THE NEED FOR INFORMATION SECURITY
Computer Fraud & Security Bulletin, pN/A
Sept 1, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 845

(USE FORMAT 7 FOR FULLTEXT)
NEW INTELLECTUAL PROPERTY AND THE NEED FOR INFORMATION SECURITY
TEXT:
...not adequately communicated to management. This dynamic involves the increasing ad-hoc creation of new **intellectual property** , which is in need of supplementary protection. Consider a manufacturing firm that makes semiconductors and...

...process control system that monitors the factory floor, it should also be concerned about the **expert system** that is used to design new circuits. The firm should additionally be concerned about the...

...equipment so that a new chip can be manufactured. These and many new types of **intellectual property** are sprouting all around us like mushrooms on a damp forest floor. Unfortunately, these new **intellectual property** resources are often the creations of end-users acting in isolation, and therefore often inadequately protected. Consider the new programs that end-users often write themselves. These constitute new **intellectual property** that should be categorized, documented, and securely managed. Nonetheless, often these programs are treated as...

...based utility automatically forces the user to classify the program according to sensitivity, criticality, and **value** . It then initiates electronic mail messages to staff in the Data Processing Department, notifying them...

...documented, analyzed, and managed in a manner much like other assets are managed. The technical **term** for all of this is metadata, i.e. information about information. Although it may at first seem to be outside the **scope** of an information security practitioner's job description, practitioners should encourage if not actually participate...

...dysfunctional approach can be attributed to the fact that much of this is new. The **measurement** and categorization of information assets is difficult because these things are intangible; for example, tangible...
...system is adequate unless you examine the environment in which the system operates." In other **words** , one has to understand the uses to which a system is being put, the information...

26/3,K/57 (Item 12 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02698375 Supplier Number: 45472485 (USE FORMAT 7 FOR FULLTEXT)
A Blowout Verdict INTERDIGITAL PATENT DREAMS TURN NIGHTMARISH; WIRELESS COMPANY TO APPEAL LOSS TO MOTOROLA
Information Law Alert: A Voorhees Report, v3, n7, pN/A
April 14, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1296

... as cellular service.

Over the past year, however, InterDigital persuaded many big players that its **patents** should be **broadly interpreted** and that they need licenses. The jury disagreed, finding that the 24 **claims** don't **cover** Motorola's mobile systems and equipment. Jurors, in other **words** , construed the **claims** in a way that fans of the Markman decision said is possible only for judges...

26/3,K/58 (Item 13 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02682185 Supplier Number: 45439295 (USE FORMAT 7 FOR FULLTEXT)
GATT Gets Biotech Where It Hurts By Pamela Sherwood, Ph.D.
BioVenture View, v10, n4, pN/A
April, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1091

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...property laws of the United States. These changes will have an enormous impact on biotech **patent** prosecution. In **evaluating** a **patent** portfolio, it will no longer be sufficient to determine what has been invented, how it...

...will take to go through the examination process at the Patent Office. In addition, the **term** of existing patents may be extended, potentially extending important drug monopolies. Among other things, the GATT treaty will change the **term** of patent protection. After June 8, 1995, patents will be in effect from the date...
...fields, issue within a year or two after filing, and so will have a longer **term** of protection under the new law. Unfortunately, the median time for a patent to issue in biotechnology is seven years. The patent **term** , and therefore its **value** , may be much less under the new law. For example, a patent that was originally...

...production has been smoothed out, and sales are up. As an example, imagine the commercial **value** of erythropoietin to a partner before it had FDA approval, compared to the **value** last year with hefty product sales in place. Any law that cuts into the useful...

...industry. Another important factor is the way in which patent applications are prosecuted in this **country** . The law strongly favors early filing of patent applications. Once an invention is published, or...

...years. Under the old law, this CIP process was a good strategy because the patent **term** didn't start until the patent issued. While continuations can still be filed under the...

...Every day that an application is pending is another day taken away from the patent **term** . There will be a transition period in the law, during which all patents in force...
...from applications filed before June 8, will be eligible for the greater of the two **term** lengths. A number of patent practitioners intend to file or refile large numbers of applications...

...patent. Another twist to the new law is that some existing patents will have their **terms** extended. This will be a windfall for the patent owner, and an important consideration for competitors and licensees. For a patent to be eligible for the "bonus" **term** , it must be in effect on June 8, 1995. In addition, the length of time...

...planning, it is critical to check these dates and determine the new status of old **patents** . The alert **analyst** will also want to re-assess portfolios of existing patent applications. It is difficult to...

...factors. For example, how long will the patent office take to examine new applications? What **breadth** of **claims** have a reasonable likelihood of issuing in what period of time? (There is an implicit assumption that **broad claims** require longer examination than narrow **claims** .) Does a new improvement on an old invention need the benefit of the old priority...

...favored delays and extended prosecution. It was worth spending extra years trying for the "big" **claims** , because it would not shorten the patent **term** . There was little downside to refiling a case, or claiming priority to an old case...

...all of those strategies can be pursued only at the cost of shortening the effective **term** . One of the hidden benefits to the new law may be the pressure that the...recently has the industry organized against these practices. Now, when every rejection cuts into the **term** of the patent once issued, there may be considerably more political muscle brought to bear...

26/3,K/59 (Item 14 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02640820 Supplier Number: 45348017 (USE FORMAT 7 FOR FULLTEXT)
Its Patent Dispute Over, Health Payment Review Eyes The Stock Market
Automated Medical Payments News, pN/A
Feb 20, 1995
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 936

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Payment Review has settled its year-old legal problems with GMIS Inc. over a software **patent** , the **claims analysis** software development company can focus on its next major goals. Chief among them: possibly taking...

...own empire." If Health Payment Review does go public it will be the second major **claims** analysis software company within five years to do so. In July 1991, GMIS, a Malvern, Pa., **claims** analysis software developer and Health Payment Review's chief rival, raised $13 million through the...

...only a handful of companies with an established base in the fledgling, but potentially lucrative, **claims** analysis software business. A Bullish Market "The market is definitely getting bullish for these kinds...

...Court in Philadelphia alleging that Health Payment Review's patent for a new version of **claims** analysis software that helps insurance companies detect provider billing errors or fraudulent **claims** was invalid. Health Payment Review then **countersued** , but on Jan. 23 the company reached an out-of- court settlement with GMIS, just...

...the trial was to begin. Neither GMIS or Health Payment Review will reveal the exact **terms** of the deal, though GMIS did incur a fourth-quarter $4.7 million loss for...

...and clinical profiles of health care plans or specific provider groups,

while Quality Manager analyzes **claims** data and provides clinically based reports on clinical quality **measures** . Health Payment Review will begin testing Clinical Resource Management System and Episode Profiler with an...

...Life Insurance Co. and United Healthcare. But as Health Payment Review expands beyond its core **claims** analysis software niche with more clinical applications, Radosevich says Health Payment Review also is diversifying... ...its software to provider groups that must assume more financial risk . "The market demand for **claims** and clinical information analysis is growing, and it's not just limited to payers," Radosevich...

26/3,K/60 (Item 15 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02561995 Supplier Number: 45171227 (USE FORMAT 7 FOR FULLTEXT)
USPATFULL (STN International)
Online Newsletter, v15, n12, pN/A
Dec, 1994
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 152

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
This full- **text** database on STN International, which is now available, is produced by the U.S. Patent...

...million patents issued by the USPTO since 1974 to the present. The database includes partial **coverage** of selected technologies from 1971 through 1973 as well as granted utility patents, defensive publications...

...and plant patents. Each record contains a patent's title, inventor(s), assignees(s), related (**patent** family) applications, **classification** of data, cited references and abstract, as well as a description of drawings (if any), background of invention (if any), invention summary, examples, and all **claims** . Exclusive to this database on STN International, is the addition of complete **indexing** for chemical **patents** from the CA file, including CAS Registry Numbers (r), for the same or equivalent **patent** , and a U.S. **Patent Classification** Thesaurus.

26/3,K/61 (Item 16 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

02228974 Supplier Number: 44246191 (USE FORMAT 7 FOR FULLTEXT)
MULTIMEDIA WORLD UP IN ARMS OVER COMPTON's PATENT ON THE WHOLE IDEA
Computergram International, n2302, pN/A
Nov 22, 1993
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 324

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...encyclopaedia to collect royalties on any program that uses graphics, sound and animation rather than **text** alone to search and retrieve information stored in databases. If the **patent** is **interpreted broadly** , it could mean that hundreds, potentially thousands, of programs that have been on the market...

...1980s, at a time when investment in the industry was risky and expensive; it also **claims** that it alone

26/3,K/62 (Item 17 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01720698 Supplier Number: 42797310 (USE FORMAT 7 FOR FULLTEXT)
The US Analytical Instruments Industry Still Thrives But Japanese Inventors Win More Patents
Sensor Business Digest, v1, n6, pN/A
March, 1992
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 508

The US Analytical Instruments Industry Still Thrives But Japanese Inventors Win More Patents
... balance of $692.4 million.
New product technology continues to be the key driver of **AI** revenue growth and business health in this high-growth US manufacturing sector. However, in reviewing **patents** issued in the field of professional and scientific instruments, the study finds a possible "harbinger of longer-**term** problems." Between 1978 and 1988, US **patents** granted to US inventors in the field increased by 24% whereas US **patents** granted to Japanese inventors increased by 140%. In 1978, US inventors accounted for 61.3% of the **patents** granted in the field while Japanese inventors were ranked second with a 15.3% share...

26/3,K/63 (Item 1 from file: 613)
DIALOG(R)File 613:PR Newswire

00693081 20011219LAW068 (USE FORMAT 7 FOR FULLTEXT)
McKesson Health Solutions to Utilize Symmetry's ERGs(TM)
PR Newswire
Wednesday, December 19, 2001 14:00 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 411

TEXT:
...s
Episode Risk Group(TM) (ERG) methodology in its suite of risk assessment software tools. **Terms** of the multi-year agreement were not disclosed.
Episode Risk Groups provide a fast, accurate...

...is a derivative work based on Symmetry's
Episode Treatment Group(TM) (ETG) methodology, a **patented** illness **classification** and episode building software product that assigns all healthcare **claims** data, regardless of origin, into clinically valid episodes .
of care.
"Because of the accuracy and...
...group. "Making ERGs
available in our CareEnhance Resource Management Software (CRMS(TM)) allows us
to **broaden** the **scope** of the grouping methodologies we offer with our product
and continue to provide our clients...

26/3,K/64 (Item 2 from file: 613)
DIALOG(R)File 613:PR Newswire

00280187 20000307NETU049 (USE FORMAT 7 FOR FULLTEXT)
Brite-Line Resolves Patent Litigation with 3M
PR Newswire
Tuesday, March 7, 2000 15:51 EST
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 372

TEXT:
...initiated by 3M in 1998 in federal district court in Minnesota. The suit
involved contrasting **claims** by 3M and Brite-Line that the other party had committed patent infringement with respect...

...the case were certain of Brite-Line's Deltaline(R) profiled
marking tapes. Under the **terms** of the settlement, neither party paid any damages to the other, and neither party admitted infringing the patent rights
of the other. Brite-Line agreed to discontinue its **counterclaim** against 3M
and to accept certain **interpretations** of 3M's **patent claims** . Brite-Line also
agreed not to manufacture or sell any product which conflicts with 3M's patent
claims . The Company's earnings, competitive position and capital expenditures
are not expected to be materially...

26/3,K/65 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

08001860 Supplier Number: 64160694
How broad is your patent claim?
Chemical Engineering Progress, p19(1)
June, 1998
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
The literal **wording** in a **patent claim** can be **interpreted** to have a **scope** that is considerably narrower than it appears to contain. This is shown in a patent...

...The suit involved a proprietary aluminum anodizing process developed by Fromsom. Patent law recognizes the **scope** of a patent on the basis of the **claims** made rather than the specifications. It does not require that the **claims** recite all of their operating parameters. The courts used Fromsom's letters to the Patent...

...the operating parameters of his patent, the basis of which was used to narrow the **scope** of his **broadest claim** . As a result, a verdict of non-infringement was declared.
...

26/3,K/66 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

01810158 Supplier Number: 42282910
Patents : **Efforts to Promote Sight Through Artificial Eye**
The New York Times, p14
August 10, 1991
Language: English Record Type: Abstract
Document Type: Newspaper; General

Patents : **Efforts to Promote Sight Through Artificial Eye**

ABSTRACT:
...allow people to see or feel through artificial eyes or limbs, had been developed and **patented** (US 5,037,376) by Barry J Richmond of the National Inst of Mental Health, and Lance M Optican, a biomedical engineer at the National Eye Inst. The **patent covers** the basic approach to deciphering **neural** coding patterns, with which neurons transmit pulses to the brain in response to light, sound...

...different kinds of information, with the same photoreceptors firing in different patterns to indicate brightness, **texture** or shape. The technology may eventually lead to the development of sensory stimulus from prosthetic...

26/3,K/67 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01556022 Supplier Number: 41904644
Analytical Instruments: Still A Thriving U.S. High-Tech Industry-- But More And More Patents Go To The Japanese
Research Studies (for further information apply to source indexed), p1-3
March, 1991
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

Analytical Instruments: Still A Thriving U.S. High-Tech Industry-- But More And More Patents Go To The Japanese

ABSTRACT:
...imports of $638.8 mil.
New product technology continues to be the key driver of **AI** revenue growth and business health in this high-growth US manufacturing sector. When looking at the **patents** issued in the field of professional and scientific instruments, the study finds a potential 'harbinger of long-**term** problems. From 1978 to 1988, US **patents** granted to US inventors in the field increased by 24%. US **patents** granted to Japanese inventors, however, increased 140%.
Despite this, most of the study's findings...

26/3,K/68 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01813148
GENEX RECEIVES PATENT FOR DESIGN SYSTEM FOR NEW CLASS OF ANTIGEN-BINDING PROTEINS
PR Newswire November 10, 1987 p. 1

GENEX RECEIVES PATENT FOR DESIGN SYSTEM FOR NEW CLASS OF ANTIGEN-BINDING

PROTEINS

Genex Corporation (NASDAQ:GNEX) today announced it has obtained a U.S. **patent** (No. 4,704,692) for a computer-based system for the design of novel proteins...

... microbial fermentation systems, they will be cheaper to produce than monoclonals. "This is a pioneering **patent** , the first ever issued **covering** use of **artificial intelligence** based methods to design proteins," said Gary Frashier, Genex president and chief executive officer. "Genex...

... engineer a new class of proteins that will offer distinct advantages over monoclonal antibodies, now **broadly** used in medicine and industry. We have filed additional computer design **patents** as well as composition of matter **patents** for specific single-chain proteins with engineered linkers that we have produced." Frashier **pointed** out that, because they are not antibodies, use of these single-chain proteins is not **covered** by **patented** methods that utilize monoclonals or other antibodies. "Biological separations and purifications are important near- **term** applications for single-chain antigen-binding molecules," Frashier said. "The superior binding efficiencies and loading...

26/3,K/69 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01632956
WESTERN UNION INCREASES CROSS-VENDOR SEARCHING POWER WITH THE ADDITION OF PATENT SCAN ON INFOMASTER SERVICE.
NEWS RELEASE April 30, 1987 p. 11

... today it has added Patent Scan to InfoMaster service, providing cross-vendor searching and single- **point** access to most online patent information. Patent Scan, the latest in a series of powerful...

...a given subject. InfoMaster service, accessible to any subscriber with a communicating personal computer or **terminal** , bridges the gaps between online database vendors by scanning from all relevant databases in one...

... and Pergamon Orbit InfoLine. Major patent and legal information databases accessed by Patent Scan include **Claims** /US Patents (1950 to present), **Claims** /Reassignment, World **Patents Index** (1963 to present), INPADOC and JAPIO. InfoMaster users need only pick Patent Scan from a...

26/3,K/70 (Item 3 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01624918
ORBIT Search Service Merges, Enhances Derwent, Inc 's US Patent Databases.
NEWS RELEASE March 30, 1987 p. 11

... database is the only online source for complete front-page information and all of the **claims** for United States patents issued since 1970. Previously searchable in four files segments, the database in now available in two segments: USPA **covers** 1982-present, and USP7081 **covers** 1970-1981. Key enhancements to the databases on ORBIT include the standardization to Derwent format...

... This standardization allows easy CROSSFILE searches to other databases

on ORBIT including Derwent's World **Patents Index** (WPI and WPIL), JAPIO, the only source for English **language** abstracts of patent applications published in Japan, and APIPAT, produced by the American Petroleum Institute, which provides comprehensive international **coverage** of patents in petroleum refining and petrochemicals. Other enhancements made by ORBIT to the databases include: standardized U.S. **Patent Classification** Numbers; a new field; Inventor State, for limiting searches to a specific state, and a refined PRINT SELECT feature which permits easier conversion of print record **terms** into search with no re-keying. US Patents is one of many patent scientific information...

26/3,K/71 (Item 1 from file: 634)
DIALOG(R)File 634:San Jose Mercury
(c) 2002 San Jose Mercury News. All rts. reserv.

10352144
ASK JEEVES HIT WITH PATENT SUIT
San Jose Mercury News (SJ) - Saturday, December 18, 1999
By: Compiled from reports by the Associated Press, Bloomberg News, Dow Jones News Service, and Mercury News staff
Edition: Morning Final Section: Business Page: 1C
Word Count: 100

ASK JEEVES HIT WITH PATENT SUIT

TEXT:
... be providing some answers about where they got their technology. That's because two MIT **artificial intelligence** experts are suing the popular Web site, saying Ask Jeeves relies on software tools that were stolen from them. Patrick Winston and Boris Katz, both researchers in the **Artificial Intelligence** Laboratory at the Massachusetts Institute of Technology in Cambridge, filed the suit Thursday in U.S. District Court in Boston, alleging that Ask Jeeves violated **patent** laws by using natural- **language** systems they **patented** in 1994 and 1995 ...

26/3,K/72 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

13394664 SUPPLIER NUMBER: 69372714 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Business method patent proliferation: convergence of transactional analytics and technical scientifics.
Bagby, John W.
Business Lawyer, 56, 1, 423
Nov, 2000
ISSN: 0007-6899 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 16724 LINE COUNT: 01555

... defense as well as in the clarification of MoDB patents in general.
Interpretation of patent **claims** requires reference to the underlying arts or disciplines for the meaning of **terms** . It seems likely that the disciplines of business and economics must be consulted to determine...

...components used by many businesses. For example, inventory control techniques, discounted cash flow analysis, or **scoring** techniques for hiring new recruits could be sufficiently novel to receive patent protection. Any of...

...component steps. This distinction should not impact patentability, because both smaller business method components and **broader** business

models are likely patentable under State Street.
Another approach is to analyze successful business...PTO are somewhat defensive about criticism that too many MoDB patents are of poor quality, **cover** known techniques, or are patently obvious.(149) The PTO maintains that many lay observers react...

...a patent and pass judgment on its validity ... remember that the truth is in the **claims** ."(150) There are pressures on the PTO to improve the quality of MoDB patents. In...

...public outcry about "bad patents" could lead to legislation eliminating MoDB patentability or reducing their **scope** (e.g., decreased **term** , compulsory licensing). Second, the American Inventors Protection Act of 1999 addresses some of the suspicions...

26/3,K/73 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

10343855 SUPPLIER NUMBER: 20951149 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Information-age acquisitions: locking up assets. (includes related article on tips on buying information technology companies)(part 1)
Weiss, Barry D.
Mergers & Acquisitions, 33, n1, 19(8)
July-August, 1998
ISSN: 0026-0010 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5306 LINE COUNT: 00474

... comfortably verified the patent's validity, it should analyze the strength of the patent in **terms** of the **scope** of the patent owner's rights and the potential infringer's liability. The interpretation of the **claims** stated in the patent determines these rights, and thus the strength of the patent. Most **claims** will have been drafted narrowly enough to describe the parameters of the invention and satisfy...

...so this language should be the focal point of a buyer's due diligence strength **analysis** . A more **broadly** drafted **patent** may appear to encompass a larger invention, and thus obtain a greater **value** . But such a patent also is more likely to infringe on elements of prior art...
...and be subject to a greater risk of challenge - and in actuality obtain a lesser **value** .
Basic Copyright Principles
Copyright protection is available for literary, audiovisual, and other works of expression...

26/3,K/74 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

09163636 SUPPLIER NUMBER: 18894986 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The anticompetitive nature of brand-name firm introduction of generics before patent expiration.
Liang, Bryan A.
Antitrust Bulletin, 41, n3, 599-635
Fall, 1996
ISSN: 0003-603X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 13202 LINE COUNT: 01062

... effects are dynamic). Areeda and Turner nevertheless model the predatory pricing issue mainly in static **terms** ." Id. (footnote omitted). (15) Id. at 290. ("Marginal cost pricing . . . (and) temporary price cuts

to...the Areeda & Turner standard; see International Telephone & Tele graph Corp., 3 Trade Reg. Rep. (CCH) (**paragraph**) 22,188 (July 25, 1984). (20) 668 F.2d at 1024. (21) 15 U.C...

...W)e do not foreclose the possibility that a monopolist who reduces prices to some **point** above marginal or average variable costs might still be held to have engaged in a...

...a price that exceeds both 'average cost' and 'incremental cost' - that exceeds cost however plausibly **measured** ." 724 F.2d at 233. (37) Id. at 236. (38) Id. at 234. (39) Note...

...in the market thus increasing prices to consumers. (43) See supra note 9 and accompanying **text** . (44) Id. (45) See Henry G. Grabowski & John M. Vernon, Brand Loyalty, Entry, and Price...a discussion of inhibition of generic manufacturer entry. (70) See supra note 42 and accompanying **text** . (71) Hilke & Nelson, supra note 67, at 370. Hilke is the economist with the Federal...

...potential generic drug manufacturers consider other potentially less threatening markets. Thus, simple signaling at strategic **points** preexpiration may deter generic firm entry into the post-patent expiration market, even if the...grant thereof, it does focus on the use of a portion of the patent - the **term** limit of patent protection. The fundamental policy question is: Is the use of a patent...

...extend protections past the patent expiration date, then the activity should not be prohibited under **patent** misuse doctrine **analysis** . Thus, perhaps encouraging several generic manufacturers to begin production and sale of their products preexpiration...

26/3,K/75 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

09094397 SUPPLIER NUMBER: 18725999 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Everything old is new again: an analysis of rights of foreign investors under Section 104.
Key, Cecil E.
Law and Policy in International Business, 27, n3, 755-804
Spring, 1996
ISSN: 0023-9208 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 24392 LINE COUNT: 01925

... reference to knowledge or use thereof, or other activity with respect thereto, in a foreign **country** , except as provided in sections 119 and 365 of this title. Where an invention was...

...person, civil or military, while domiciled in the United States and serving in a foreign **country** in connection with operations by or on behalf of the United States, he shall be...

...reference to knowledge or use thereof, or other activity with respect thereto, in a foreign **country** other than a NAFTA **country** , except as provided in sections 119 and 365 of this title.... To the extent that any information in a NAFTA **country** concerning knowledge, use, or other activity relevant to proving or disproving a date of invention...P. Stewart ed., 1993); Conley, supra note 1, at 783. (39.) Patentability is determined by **measuring** both the inventor's activities and the invention itself against statutory requirements. See 35 U.S.C. (subsections) 100-122. For example, the invention must be **measured** against the prior art to determine patentability. At the same time, the inventor must disclose...

...she considers novel. 35 U.S.C. (sections) 112 (1994). Section 104 focuses on the **patentee** 's activities. Accordingly, **analysis** of the requirements of section 104 must first center on the inventive aspects of the...

...1995) (on file with Law and Policy in International Business). Miller and Freed invoke the **term** "firstness" to capture the "policy . . . that only the first inventor should be eligible to receive a patent." Id. at 69. That **term** , as so defined, is used throughout this Note.

The firstness requirement of (sections) 102(a...inventor's notebook, may be useful in resolving both the claim construction for purposes of **evaluating patent** infringement and the date of priority for purposes of **evaluating patent** validity. (169.) Id. at 981. (170.) 35 U.S.C.(sections) 104(a) (1994). (171.) Two **points** must be considered in this regard. First, U.S. discovery rules, the applicability of which the rensed section 104 seeks to protect, see supra part II.B, define relevance **broadly** . See Fed. R. Evid. 401 (defining relevant evidence as that with "any tendency to make...

...referred to as "fraud on the Patent Office"). (175.) See supra note 21 and accompanying **text** . (176.) Conley, supra note 1, at 785-86. (177.) Chandler, supra note 5, at 309...1995). (179.) 35 U.S.C.(sections) 282 (1994). Moreover, part of a patent, one " **claim** ," for example, may be invalid without causing the whole patent to be invalid. 35 U...

...asofdate of foreign filing is available to foreign applicants who are citizens of a foreign **country** "which affords similar privileges in the case of applications filed in the United States"). (187...

...is, at the time of the request, located in a non-NAFTA or non-WTO **country** that has a blocking statute but the patentee is a citizen of a NAFTA or WTO **country** . It is likely the clarification of section 104's application to such a situation will...

26/3,K/76 (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08747591 SUPPLIER NUMBER: 18293289 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Litigation beyond the technological frontier: comparative approaches to multinational patent enforcement.
Thomas, John R.
Law and Policy in International Business, 27, n2, 277-352
Winter, 1996
ISSN: 0023-9208 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 35315 LINE COUNT: 02888

... not issued by the U.S. Patent and Trademark Office, acceptance of both of these **measures** appears fully justified in an appropriate case, In so doing, the courts of the United...

...of Technology (F.A. Sviridov ed., 1981); Masaah Suzuki, The Importance of Patents in Developing **Countries** for the Encouragement of Inventiveness and Industrial Research and Development, in World Symposium on the Importance of the Patent System in Developing **Countries** 121-28 (1977); Gert Kolle & Joseph Straus, Patent Documentation and Information: Its Significance and Actual...

...Elzaburu, Language of Patents, 39 Managing Intell. Prop. 27, 27 (1994); Samson Helfgott, Selecting Foreign **Countries** forPatent **Coverage** , 68 J. Pat. & Trademark Off. Soc'y 83, 83 (1986); Friedrich-Karl Beier, Patents

and...

...Santa Clara Computer & High Tech. L.J. 335 (1992). (9.) See generally Martin Kalikow, Multi- **Country** Patent Litigation: Strategy and Administration of Multi- **Country** Patent Litigation, in International **Patent** Litigation: A **Country** -by- **Country** **Analysis** (Michael N. Meller ed.,1994). See also Yassin v. United States, 76 E SUPP. 509...

...monopolies in the United States, nor do United States patents grant any monopolies in foreign **countries** ."); Opinion of the Comptroller General, 159 U.S.RQ. 298, 301 (1968) ("It is a fundamental concept that territorial limitations of sovereignty preclude a **country** from giving extraterritorial effect to its patent laws."). (15.) See Western Elec. Co. v. Milgo...

...The European Community and Eastern Europe 7-111 (1993) (hereinafter European Patent Convention). The original **text** of the EPC can also be found at 13 I.L.M. 268. The EPC...

...of national patents effective in contracting European states. See infra notes 103-09 and accompanying **text** . (20.) 1972 O.J. (L 299) 32, reprinted in 29 I.L.M. 1417 (hereinafter...

...ready enforcement of judgments among the contracting states. See infra notes 148-60 and accompanying **text** . (21.) Rooij & Polak, supra note 16, at 16. (22.) This 1994 decision of the Landgericht...

...throughout Europe. 1976 O.J. (L 17) 1. See infra notes 126-31 and accompanying **text** ; Vincenzo **Scordamaglia** , The Common Appeal Court and the Future of the Community Patent Following the Luxembourg Conference...

...335-36 (1985). (27.) Concerns over high U.S. damages awards and the extensive territorial **scope** of antitrust jurisdiction thwarted the proposed U.S.-U.K. Judgments Convention of 1977. See...

...1987). (39.) The most pervasive example of the latter consists of pharmaceuticals, which many developing **countries** declared ineligible for patent protection prior to the adoption of the WTO Agreement on Trade... 54-55 (1995). Recent statutory amendments also suggest that the Japanese patent system will feature **claims** of **broader** **scope** than under earlier law. See Shusaku Yamamoto, Changes in Japan Mean a More Pro-Patent... ...Counsel's Comparative View of European and Japanese Patent Litigation, in International Patent Litigation: A **Country** -by- **Country** AnalyMeller ed., BNA Supp, 1994) ("Infringement suits, particularly of the multinational type, often amount to...at 391. (120.) Id. art. 41 (2), at 387. (121.) See generally Europe's Patent **Claims** , 43 Managing Intell. Prop., Oct. 1994, at 28 (discussing the different handling of patent **claims** in Germany, France, Int'l, and the United Kingdom). (122.) See, e.g., Harold C...

...doctrine with the Paris Convention). (123.) See generally Ulf Anderfelt, International Patent Legislation and Developing **Countries** (1971); Edith Tilton Penrose, The Economics of the International Patent System (1951). (124.) Richard C...Case. An Alternative Harmony, 14 Eur. Intell. Prop. Rev. 181, 183 (1992). (129.) See generally **Scordamaglia** , supra note 26, at 458. (130.) J.B. van Benthem, The European Patent System and...

...also Jan J. Brinkhof, Could the President of the District Court of the Hague Take **Measures** Concerning the Infringement of Foreign Patents', 16 Eur Intell. Prop. Rev.360, 361 (1994). (137...

...supra note 17, at 624 (Under the Brussels Convention, "the judge in the defendant's **country** of domicile is competent. The literature generally

assumes that the judge who is competent by...

...Convention, supra note 20, art. 24. (154.) Jn J. Brinkhof, Summary Proceedings and Other Provisional **Measures** in Connection with Patent Infringements, 24 Int'l Rev. Indus. Prop. & Copyright L. 762, 764...

...of jurisdiction with respect to proceedings concerning patent or trademark infringements. The court of the **country** in whose territory the registration has been requested or deposited enjoys exclusive jurisdiction."). (161.) Ebbink...

...Nispen, Special Feature: News from the EC-Dutch Injunctions and Their Enforcement in other European **Countries** 14-15 (Clifford (169.) (1995) F.S.R. 325, 338 (Fleet Street Reports 1995). (170...

...United States (sections) 482 (1987) (hereinafter Restatement (Third) of Foreign Relations). The Restatement employs the **term** recognition" here but previously notes that recognition is a prerequisite to enforcement. Id. (sections) 481...44, 60 (1962). See generally John D. Brummett, Jr., Note, The Preclusive Effect of Foreign- **Country** Judgements in the United States and Federal Choice of Law. The Role of the Eire...
...N.Y.L. Sch. L. Rev. 83 (1988); Robert C. Casad, Issue Preclusion and Foreign **Country** Judgments: Whose Law?, 70 Iowa L. Rev. 53 (1984). (183.) 402 U.S. 313 (1971...

...Corp., 12 U.S.P.Q. 397, 401 (1932) (indicating that French opinions regarding the **interpretation** of parallel French **patents** would be admissible if properly authenticated). The court noted, however, that "if admitted into evidence, a question would be presented as to their **weight** , considering the difference in the law and procedure in patent cases in France and this **country** ." Id. Cf. Lightning Fastener v. Colonial Fastener, 3 D.L.R. 737 (Exchequer Cr. 1934...

...that instructions to foreign patent counsel might "comprise relevant evidence" but declined to assign any **weight** to them in that case. (205.) 729 F. Supp. 234, 239 (E.D.N.Y...

...61 U.M.K.C. L. Rev. 635 (1993). (215.) Note, Jurisdiction Over Foreign Patent **Claims** , 66 Mich. L. Rev. 358, 359 (1967). (216.) 28 U.S.C. (sections) 1332 (19881337 (1994). (221.) See supra notes 70-83 and accompanying **text** . (222.) Paris Convention, supra note 72, art. 2 (1), at 26. (223.) 371 F.2d...
...Restatement indicates that the two sorts of treaties may be distinguished through examination of the **language** of the agreement, domestic indications of the legislature, and any relevant constitutional requirements. Restatement (Third...426.) Forstner, supra note 22, at 3-4. See C.V. Chen, Taiwan, in International **Patent** Litigation: A **Country** -by- **Country** **Analysis** 15 (Michael N. Meller ed., 1994); Thierry van Innis & Geert Glas, Belgium, in International **Patent** Litigation: A **Country** -by- **Country** **Analysis** 4-5 (Michael N. Meller ed., 1994). (427.) See Restatement (Second) of Conflict of Laws...

...the forum determines which of its courts, if any, may entertain an action on a **claim** involving foreign elements."). (431.) See Dieter Stauder, The Future of Patent Infringement Proceedings in Europe...

...at 927. (436.) Id. at 927-28. (437.) See supra notes 183-87 and accompanying **text** . (438.) Forstner, supra note 22, at 6. See also Stauder, supra note 431, at 185...

26/3,K/77 (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

08399628 SUPPLIER NUMBER: 15866222 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Dialog adds full-text European patents. (Dialog Information Services Inc. adds European Patents Full-text) (Brief Article)
Information Today, v11, n10, p4(1)
Nov, 1994
DOCUMENT TYPE: Brief Article ISSN: 8755-6286 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 242 LINE COUNT: 00025

... A" documents) - availability for granted patents ("B" documents) is forthcoming.
Updated weekly, European Patents Full- **text** **covers** patents from 17 member states with virtually no lag time from publication of the Register of European Patents. European Patents Full- **text** expands Dialog's already authoritative collection of international patent data that includes INPADOC, Chinese Patent Abstracts in English, CLAIMS, Derwent World **Patents** **Index** , JAPIO, and U.S. **Patents** Full- **text** .
For more information, contact Dialog, 3460 Hillview Avenue, Palo Alto, CA 94304, 800/3-DIALOG...

26/3,K/78 (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07846684 SUPPLIER NUMBER: 16869820 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Should genes be patented? The gene patenting controversy: legal, ethical, and policy foundations of an international agreement.
Looney, Barbara
Law and Policy in International Business, 26, n1, 231-272
Fall, 1994
ISSN: 0023-9208 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 19319 LINE COUNT: 01616

... compiled by Genetic Engineering News, a widely read publication of the biotechnology, industry. The list **valued** Dr. Venter's stock holdings in Human Genome Sciences, Inc., a genome science firm, at $11.5 million, indicating the **value** that the investment community places on the technology of the young firm. Kathleen Day, Biotech...Patent System and Controversial Technologies, 47 Md. L. Rev. 1051, 1067-68 (1988)(arguing that **patent** law does not function to **analyze** social consequences). (88.) Ludlam argues that the next legal step, the regulatory structure which monitors...

26/3,K/79 (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07717480 SUPPLIER NUMBER: 16633663 (USE FORMAT 7 OR 9 FOR FULL TEXT)
That was the year that was.(the information world in 1994)
Lambert, Nancy
Searcher, v3, n2, p27(4)
Feb, 1995
ISSN: 1070-4795 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2884 LINE COUNT: 00235

... new patent database, Derwent's Patents Citation Index. The USP files on Orbit and the **Claims** / Citation files on DIALOG have provided searching of U.S. patent examiner citations, as do the new full- **text** U.S. patent files; and the Derwent World **Patents** **Index** provided searching of

examiner cites on European and Patent Cooperation Treaty (World) patents. For this...

...of citation data from US, EP, and WO patents, and add back files from other **countries** later. Derwent will add ongoing citation information from 16 **countries** . The database will include patent and literature citations from both patent examiners and authors, and...

...the database will include the citations' relevance indicators (whether they relate directly or indirectly to **claims** or merely contain background information) from all **countries** that provide this information. Individual patent family records will include current (updated weekly) information on ...

26/3,K/80 (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

06511746 SUPPLIER NUMBER: 14214385 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Antitrust and res judicata considerations in the settlement of patent litigation.
Crank, Mark; Pfunder, Malcolm R.
Antitrust Law Journal, 62, n1, 151-176
Summer, 1993
ISSN: 0003-6056 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 12854 LINE COUNT: 01003

... the invention throughout the United States . . .," 35 U.S.C. [section] 154, creates, in antitrust **terms** , power that may amount to an economic monopoly and this article follows the practice of...

...once" |the grant of the patent is spent' . . . an attempt to project it into another **term** by continuation of the licensing agreement is unenforceable"); see also United States v. Line Material...

...ch. 22; Von Kalinowski, supra, [section] 59.06(1)(a)(v). (7) A good starting **point** for counsel settling patent cases is the ...Antitrust L.J. 739, 743-44 (1991); Wm. Marshall Lee, Proving a Walker Process Antitrust **Claim** , 59 Antitrust L.J. 661 (1991). (9) See, e.g., United States v. Singer Mfg...

...under which a fraud on the Patent Office occurs is a complex subject beyond the **scope** of this article. See generally cases cited supra note 8; Eunice A. Eichelberger, Annotation, Fraud...

...Eichelberger, supra note 22. (26) 382 U.S. at 177. The party asserting the antitrust **claim** (usually defendant- **counter** -claimant) has the burden of establishing the exclusionary power of the patent in a relevant...

...U.S. 392, 394-95 (1953). Indeed, the Commission's authority under Section 5 is **broader** than the prohibitions of the Sherman Act. See FTC v. Sperry & Hutchinson Co., 405 U...

...1981). Thus it is not clear whether, or in what respects, Section 5 may be **broader** than Section 2. (29) 401 F.2d at 579. (30) Id. at 582-83. (31 ...faith may go a long way toward proving the intent element, however. Handgards II, after **pointing** out that Ethicon had sent a letter to its customers asserting "the validity of [its...

26/3,K/81 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05834936 SUPPLIER NUMBER: 11871478 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Intellisystems obtains patent on multi-user expert system. (News Briefs)
ISR: Intelligent Systems Report, v9, n1, p6(1)
Jan, 1992
ISSN: 1054-8696 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 215 LINE COUNT: 00018

Intellisystems obtains patent on multi-user expert system. (News Briefs)
... provisions may allow information to be delivered to users in more than one language, further **broadening** the applications possible with the **expert system** . Intellisystems is considering licensing agreements to the industry regarding the technology disclosed in the **patent** .

26/3,K/82 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

05410787 SUPPLIER NUMBER: 11000407 (USE FORMAT 7 OR 9 FOR FULL TEXT)
After the grant: online searching of legal status information for U.S. patents.
Lambert, Nancy
Database, v14, n4, p42(7)
August, 1991
DOCUMENT TYPE: evaluation ISSN: 0162-4105 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 5027 LINE COUNT: 00443

... Reissue patent references are included in the patent subject databases (CLAIMS, Derwent World Patent Index). **CLAIMS** lists a reissue as a separate record, which shows deleted **text** in parentheses and cross-references the original patent number; but the original patent record does...

...granted, the OG shows the old and new versions of the patent bibliographic information and **broad claim** , with deleted **text** in [brackets] and new **text** in italics. 6. Reissue application filed: These are listed before the reissue occurs. The documents...

26/3,K/83 (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2002 The Gale Group. All rts. reserv.

03718991 SUPPLIER NUMBER: 06833840 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Agpat, Pharmpat, and a parable for patent searchers. (access to pharmaceutical and agricultural patents)
Simmons, Edlyn S.
Database, v11, n6, p29(16)
Dec, 1988
ISSN: 0162-4105 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 5245 LINE COUNT: 00415

... which has today's European patents today, and INPADOC, which varies in currency from one **country** to another Current searches of **claim** and/or abstract **text** can be done for West German patents in PATDPA and for U.S. patents in US Patents, **CLAIMS** , and PATDATA.
IS SEARCHING ALL THESE FILES FOR OPTIMUM RETRIEVAL COST-EFFECTIVE?
You can increase...

26/3,K/84 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

19016816
PR Newswire California Summary, Wednesday, September 26, 2001 up to 10:00 a.m. PT NYW027 09/26/2001 03:00 r f bc-CA-Agfa-Autologic (MORTSEL) Agfa to Acquire Autologic Information International, Inc.; Brings Richer Product Assortment to Broader Range of C
PR NEWSWIRE
September 26, 2001
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1309

...2001 06:00 r f bc-CA-BEA-Lead (SAN JOSE) BEA Systems Secures 15- **Point** Lead in Market Share Over Competition in Deployed Application Servers as Confirmed by META Group...

...r f bc-ENWV-Design-Freq-Band (LONDON) Endwave Enables Rapid Design of 60 GHz **Broadband** Radios for Applications in New Unlicensed Frequency Bands SFW005 09/26/2001 06:30 r... Featuring Mobile Portal Manager LAW005 09/26/2001 08:30 r f bc-CA-Summa- **Terms** .-Sale (TORRANCE) Summa **Terminates** Discussions Regarding Sale LAW021 09/26/2001 08:30 r f bc-CA-Photon-Dynamics...
... ATLANTA) Scientific-Atlanta Announces Next-Generation Data Strategy: Introduces a Scalable CMTS Solution with Pacific **Broadband** SFW009 09/26/2001 09:00 r f bc-CA-Advanced-Fibre (PETALUMA) Advanced Fibre...

26/3,K/85 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

18267193
PR Newswire California Summary, Thursday, August 9, 2001 up to 10:00 a.m. PT
PR NEWSWIRE
August 09, 2001
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1329

... 2001 07:30 r f bc-CA-Nettaxi-Vaultus (CAMPBELL) Nettaxi.com and Vaultus, Inc. **Terminate** Merger Discussions LATH029 08/09/2001 07:31 r f bc-CA-LJPC-2Q-Earnings...DIEGO) Cirus Telecom's President Featured on Small Cap Voice's Online CEO Interview Web **Broadcast** LATH054 08/09/2001 09:00 r f bc-CA-ViaSat-Q1-Earnings (CARLSBAD) ViaSat...

... CA-Jackpot.com-Vendar (PASADENA) Jackpot.com Becomes The Vendare Group; New Name Better Reflects **Breadth** of Businesses; John Weems Joins as COO LATH049 08/09/2001 09:01 r f...

... bc-CA-IHOP-Fast-Flapjack (GLENDALE) IHOP Honors Fastest Flapjack Flipper; Flipping Faster, Simon Romero **Claims** Title of Best IHOP Cook LATH041 08/09/2001 09:30 r f bc-CA...
... N -- Invivo Corporation (Nasdaq: SAFE)/ LATH036 08/09/2001 10:00 r e bc-CA- **CountingDown** .com (GLENDALE) 'The Clint Howard Variety Show' Debuts Online at **CountingDown** .com DCTH024 08/09/2001 10:38 r f

26/3,K/86 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

11571958 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The Orange County Register, Calif., Small Business Question & Answer Column
Jan Norman
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (ORANGE COUNTY REGISTER - CALIFORNIA)
June 19, 2000
JOURNAL CODE: KTOC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 342

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the conflicting patent. How is it different from your invention? What are its strengths? What **words** or phrases are specifically included in the **claims** that have narrowed the **scope** of the patent?
As you scrutinize the claims, you might find that certain words define ...

26/3,K/87 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter

02875276
ADC Telecommunications and Telect Announce Resolution of Patent Litigation
BUSINESS WIRE
September 21, 1998
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 338

... Doty of the Federal District Court in Minnesota in which the Court interpreted the patent **claims** , and denied Telect's motion to invalidate the patent. The specific **terms** of the settlement are confidential; however, as part of the settlement, Telect agreed to the...

... a leading global supplier of voice, video and data systems for telephone, cable television, Internet, **broadcast** , wireless and private communications networks. ADC's systems enable local access and high-speed transmission...

... connectivity products, specializing in copper and fiber optic voice, video and data systems for telecommunications, **broadcast** , internet, CATV, and the Home Area Network markets. Telect is a privately held company headquartered...
?

```
?show files;ds
File  77:Conference Papers Index 1973-2002/Jan
         (c) 2002 Cambridge Sci Abs
File  35:Dissertation Abs Online 1861-2002/Mar
         (c) 2002 ProQuest Info&Learning
File  65:Inside Conferences 1993-2002/Mar W3
         (c) 2002 BLDSC all rts. reserv.
File   2:INSPEC 1969-2002/Mar W3
         (c) 2002 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2002/Mar
         (c) 2002 Info. Today Inc.
File 474:New York Times Abs 1969-2002/Mar 20
         (c) 2002 The New York Times
File 475:Wall Street Journal Abs 1973-2002/Mar 20
         (c) 2002 The New York Times
File  99:Wilson Appl. Sci & Tech Abs 1983-2002/Feb
         (c) 2002 The HW Wilson Co.

Set     Items   Description
S1      28391   PATENT? OR INTELLECTUAL()PROPERTY
S2    3607037   ANALYS? OR EVALUAT? OR INTERPRET? OR CLASS? OR INDEX?
S3     276723   ARTIFICIAL()INTELLIGENCE? OR AI OR NEURAL? OR EXPERT()SYST-
             EM?
S4    1611194   LANGUAGE OR WORD? OR TEXT? OR TERM? OR SENTENCE? OR PARAGR-
             APH?
S5     104745   CLAIM? ?
S6     802131   BREADTH? OR SCOPE? OR BROAD? OR DEPTH? OR COVER?
S7    3847616   METRIC? OR MEASUR? OR WEIGHT? OR GRADE? OR GRADING? OR SCO-
             R? OR VALUE? OR POINT? OR COUNT?
S8     591463   PREAMBLE? OR SPEC OR SPECIFICATION? OR BACKGROUND? OR SUMM-
             ARY? OR ABSTRACT?
S9      53219   EIGENVALUE? OR EIGEN()VALUE?
S10       825   S1(5N)(S2 OR ANALYZ?)
S11         9   S3 AND S10
S12       152   S1 AND S3
S13        35   S4 AND S12
S14        13   S13 AND (S6:S9)
S15        38   S11 OR S13 OR S14
S16        35   S15 NOT PY>1999
S17        34   RD (unique items)
S18        23   S10 AND S4 AND S5
S19         0   S6 AND S7 AND S18
S20         4   S6 AND S18
S21         5   S7 AND S18
S22         9   S20:S21 NOT S17
S23         9   RD (unique items)
?
```

?t17/7/all

17/7/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

6467945 INSPEC Abstract Number: C2000-02-6130D-041
Title: Knowledge acquisition of predicate argument structures from technical texts using machine learning: the system ASIUM
Author(s): Faure, D.; Nedellec, C.
Author Affiliation: Lab. de Recherche en Inf., Univ. Paris-Sud, Orsay, France
Conference Title: Knowledge Acquisition, Modeling and Management. 11th European Workshop, EKAW'99. Proceedings p.329-34
Editor(s): Fensel, D.; Studer, R.
Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1999 Country of Publication: Germany xi+404 pp.
ISBN: 3 540 66044 5 Material Identity Number: XX-1999-01985
Conference Title: Knowledge Acquisition, Modeling and Management. 11th European Workshop, EKAW '99. Proceedings
Conference Date: 26-29 May 1999 Conference Location: Dagstuhl Castle, Germany
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: We describe the machine learning system, ASIUM, which learns subcategorization frames of verbs and ontologies from the syntactic parsing of technical **texts** in natural **language** . The restrictions of selection in the subcategorization frames are filled by the ontology's concepts. Applications requiring such knowledge are crucial and numerous. The most direct applications are semantic control of **texts** and syntactic parsing disambiguation. This knowledge acquisition task cannot be fully automatically performed. Instead, we propose a cooperative ML method which provides the user with a global view of the acquisition task and also with acquisition tools like automatic concept splitting, example generation, and an ontology view with attachments to the verbs. Validation steps using these features are intertwined with learning steps so that the user validates the concepts as they are learned. Experiments performed on two different corpora (cooking domain and **patents**) give very promising results. (15 Refs)
Subfile: C

17/7/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

6372743 INSPEC Abstract Number: C1999-11-0230-031
Title: Society's shifting human-computer interface-a sociology of knowledge for the Information Age
Author(s): Fuller, S.
Author Affiliation: Durham Univ., UK
Journal: Information Communication & Society vol.1, no.2 p.182-98
Publisher: Routledge,
Publication Date: Summer 1998 Country of Publication: UK
CODEN: ICSOF3 ISSN: 1369-118X
SICI: 1369-118X(199822)1:2L.182:SSHC;1-4
Material Identity Number: H220-1999-001
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: In the first age of information technology-that of the printed **word** state-licensed expert communities helped restore some sense of authoritative knowledge to the relatively free and chaotic world of

published opinion. However, in the relatively free market that dominates the second age of information technology-that of computers-knowledge engineers have forced human experts to compete with **expert systems** to satisfy consumer needs. In several fields, this has reduced the social role of expertise from standard or agent to mere tool-and a relatively inefficient one at that, which has led to expert redundancies. But there is also a reverse tendency as knowledge engineering becomes subsumed by larger trends in transnational capitalism. In that case, entire domains of knowledge may be effectively owned by companies whose **intellectual property** rights are so strong that they are the sole providers of the systems capable of satisfying consumer needs in those domains. Should we reach such a state of information feudalism, we would have come full circle to the idea of information technology as a standard of human performance, except that it would be a standard that would remain a mystery to all but the most elite corporate computer programmers. It may then be time to regard human expertise as a scarce natural resource. (34 Refs)
Subfile: C

17/7/3 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

6039244 INSPEC Abstract Number: A9821-8770E-007, B9811-7510B-065, C9811-7330-056
Title: Application of a multi-processor system for recognition of EEG-activities in amplitude, time and space in real-time
Author(s): Roschera, G.; Pogrzebab, G.; Emde, D.; Neubauer, F.
Author Affiliation: ICS GmbH, Magdeburg-Barleben, Germany
Conference Title: Parallel Computing: Fundamentals, Applications and New Directions. Advances in Parallel Computing. Vol.12 p.89-96
Editor(s): D'Hollander, E.H.; Peters, F.J.; Joubert, G.R.; Trottenberg, U.; Volpel, R.
Publisher: Elsevier, Amsterdam, Netherlands
Publication Date: 1998 Country of Publication: Netherlands xv+748 pp.
ISBN: 0 444 82882 6 Material Identity Number: XX97-02163
Conference Title: Proceedings of ParCo 97 Parallel Computing 97
Conference Sponsor: Ascend Commun. GmbH; debis Systemhaus GmbH; Deutsche Telekom; DIGITAL Equipment GmbH; et al
Conference Date: 19-22 Sept. 1997 Conference Location: Bonn, Germany
Language: English Document Type: Conference Paper (PA)
Treatment: Applications (A); Practical (P)
Abstract: The EEG system BrainScope consists of a special amplifier system for high quality signal detection in open field conditions during communicative situations. A high performance multi-processor system which is capable of processing the huge amounts of data produced by a multichannel EEG record to gain information in real-time has also been developed. Algorithms for recognition of events in single channels are implemented in the first level of the multi-processor system. We use high performance image processing algorithms in the second level, interpreting the sampled **values** of each channel as pixels of the image, 256 up to 2.000 times per second. This **patented** method describes the EEG activity as sequences of virtual sources in parameters of amplitude, time and space. Fuzzy logic and methods of **AI** are used to define and recognise sequences of virtual sources in real-time. The network of two or more Personal Computers (PC's) is co-ordinated through the multiprocessor system for presentation of EEG activity and controlling. Multi-media approaches to the application of psychological tests are possible through the user interface including tests in media of sound, **words** , pictures and moving pictures. These tests can be arranged and carried out in computer controlled sequences and modified by user interactions. Tools are also provided to allow the user to create his own tests. These methods are integrated into

the powerful graphic user interface and uses a database system. Incorporated into this user interface are state of the art EEGSYS algorithms from the NIMH (Washington/USA) for mappings, FFT, etc. (27 Refs)
Subfile: A B C

17/7/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC

5665812 INSPEC Abstract Number: C9709-7240-013
Title: TOAS intelligence mining; analysis of natural language **processing and computational linguistics**
Author(s): Watts, R.J.; Porter, A.L.; Cunningham, S.; Donghua Zhu
Author Affiliation: Tank-automotive & Armaments Command, Nat. Automotive Center, Warren, MI, USA
Conference Title: Principles of Data Mining and Knowledge Discovery. First European Symposium, PKDD '97. Proceedings p.323-34
Editor(s): Komorowski, J.; Zytkow, J.
Publisher: Springer-Verlag, Berlin, Germany
Publication Date: 1997 Country of Publication: Germany ix+396 pp.
ISBN: 3 540 63223 9 Material Identity Number: XX97-01603
Conference Title: Principles of Data Mining and Knowledge Discovery. First European Symposium, PKDD '97. Proceedings
Conference Sponsor: Dept. Comput. Inf. Sci.; Norwegian Res. Council; Norwegian Artificial Intelligence Soc
Conference Date: 24-27 June 1997 Conference Location: Trondheim, Norway
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The Technology Opportunities Analysis System (TOAS), being developed under a Defense Advanced Research Projects Agency (DARPA) project, enables mining of **text** files using bibliometrics. TOAS, a software system, extracts useful information from literature **abstract** files, which have identified fields that repeat in each **abstract** record of specific databases, such as Engineering **Index** (ENGI), INSPEC, Business **Index** , US **Patents** , and the National Technical Information Service (NTIS) Research Reports. The TOAS applies various technologies, which include natural **language** processing (NLP), computational linguistics (CL), fuzzy analysis, latent semantic indexing, and principle components analysis (PCA). This software system combines simple operations (i.e. listing, **counting** , list comparisons and sorting of search **term** retrieved consolidated records' field results) with complex matrix manipulations, statistical inference and **artificial intelligence** approaches to reveal patterns and provide insights from large amounts of information, primarily related to technology oriented management issues. The authors apply the TOAS tool on its own root technologies, NLP and computational linguistics-two apparently synonymous **terms** . These **terms** , however, when used in a literature search of the same **abstract** databases, ENGI and INSPEC, provide distinctly different search results with only 10% to 25% search result **abstract** records overlap. The paper introduces TOAS, summarizes analyses comparing NLP and CL, and then discusses the underlying development implications. (7 Refs)
Subfile: C

17/7/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC

5143002 INSPEC Abstract Number: C9602-1230-005
Title: Machine intelligence paradigm and its development
Author(s): Rabinovich, Z.L.
Journal: Kibernetika i Sistemnyi Analiz vol.31, no.2 p.163-73
Publication Date: March-April 1995 Country of Publication: Ukraine
Translated in: Cybernetics and Systems Analysis vol.31, no.2 p. 297-305
Publication Date: March-April 1995 Country of Publication: USA
CODEN: CYASEC ISSN: 1060-0396
U.S. Copyright Clearance Center Code: 1060-0396/95/3102-0297$12.50
Language: English Document Type: Journal Paper (JP)
Abstract: The philosophy of computer development, which subsequently received the adjective intelligent, began to emerge in the 1960s, apparently for the first time in the **word** at the Institute of Cybernetics of the Ukrainian Academy of Sciences under the direct guidance of V.M. Glushkov. This philosophy was initially embedded in the concept of machine intelligence (MI), which was introduced in 1970 and formulated as an accepted **term** in 1974. Among the main precursors of the machine intelligence paradigm, the present author finds the theoretical studies of Glushkov et al. (1965, 1967), the first of which focused attention on making the internal computer languages closer to algorithmic programming languages. Alongside the theoretical work in this direction we find various **patented** inventions. A characteristic illustration of the difficulty for acceptance of new ideas is the six-year gap between the first **patent** application (1962) and the final award (1968), which was granted only following international acknowledgment of the principles of implementation of high-level languages (HLL). In particular, the principle of hardware interpretation of HLL implemented in these projects subsequently provided the foundation for one of the two math directions in the design of the remarkable series of El'brus high-performance general-purpose computers. These studies laid the foundation for the MI paradigm, which encompasses many examples of HLL implementation in computers and constitutes a set of interconnected aspects: **language** , knowledge manipulation, organization of information processing. The MI paradigm is also widely used in the development of the philosophy of new generations of computers and information technologies. It is remarkable that the interest in MI is not a passing fad: it continues to grow both explicitly and implicitly in the context of further development of computers and information technologies-especially for the creation of intelligent computer systems widely using the principles of **artificial intelligence** (**AI**), as one of the functions of MI is to provide hardware support of Al. The interest in the MI paradigm has been convincingly demonstrated by T.A. Grinchenko's doctoral dissertation entitled "Methods and tools for representation and processing of symbolic information in intelligent computer systems" and the discussions that followed its defense. All the above encourages the present authors, who has had the privilege of working directly under the guidance of V.M. Glushkov on the MI paradigm from inception, to return to this problem in the light of modern advances in computer philosophy. (44 Refs)
Subfile: C

17/7/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC

4987727 INSPEC Abstract Number: C9508-0230-009
Title: A computer ethics bibliography
Author(s): Tavani, H.T.
Author Affiliation: Rivier Coll., Nashua, NH, USA
Journal: Computers & Society vol.25, no.2 p.8-18
Publication Date: June 1995 Country of Publication: USA
CODEN: CMSCD3 ISSN: 0095-2737

Language: English Document Type: Journal Paper (JP)
Treatment: Bibliography (B)
Abstract: The bibliography includes 1240 entries and is organized into three parts. Part I is intended primarily for those interested in teaching computer ethics courses. It lists computer ethics **textbooks** , general references, and sources dedicated to issues in teaching computer ethics. A selected list of sources on ethical theory, which some instructors may find useful as a framework for discussing ethical issues in computing, is included. Part II focuses on professional ethics and issues of responsibility for computer professionals. It identifies professional codes of conduct and lists sources that interpret and assess those professional codes. Sources concerned with issues of moral responsibility and legal liability for computer professionals are included. Each section focuses on a specific issue or area in applied ethics and computing: **artificial intelligence** and **expert systems** , work, privacy, social power, computer crime, and **intellectual property** rights. (182 Refs)
Subfile: C

17/7/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC

4926104 INSPEC Abstract Number: C9505-7330-211
Title: Use of artificial intelligence **in analytical systems for the clinical laboratory**
Author(s): Place, J.F.; Truchaud, A.; Ozawa, K.; Pardue, H.; Schnipelsky, P.
Author Affiliation: DAKO A/S, Copenhagen, Denmark
Journal: Journal of Automatic Chemistry vol.17, no.1 p.1-15
Publication Date: Jan.-Feb. 1995 Country of Publication: UK
CODEN: JAUCD6 ISSN: 0142-0453
U.S. Copyright Clearance Center Code: 0142-0453/95/$10.00
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The incorporation of information-processing technology into analytical systems in the form of standard computing software has recently been advanced by the introduction of **artificial intelligence** (**AI**), both as **expert systems** and as **neural** networks. This paper considers the role of software in system operation, control and automation, and attempts to define intelligence. The future may lie in a combination of the recognition ability of the **neural** network and the rationalization capability of the **expert system** . Examples are given of applications of **AI** in stand-alone systems for knowledge engineering and medical diagnosis and in embedded systems for failure detection, image analysis, user interfacing, natural **language** processing, robotics and machine learning, as related to clinical laboratories. It is concluded that **AI** constitutes a collective form of **intellectual property** , and that there is a need for better documentation, evaluation and regulation of the systems already being used in clinical laboratories. (84 Refs)
Subfile: C

17/7/8 (Item 8 from file: 2)
DIALOG(R)File 2:INSPEC

4864255 INSPEC Abstract Number: B9503-7320T-002, C9503-3240N-002
Title: An intelligent gas odor sensor: application to quality control for food industry
Author(s): Talou, T.; Yahiaoui, G.

Author Affiliation: lab. de Chimie Agro-Ind., Inst. Nat. Polytech., Toulouse, France
p.369-77
Publisher: EC2, Nanterre, France
Publication Date: 1994 Country of Publication: France 494 pp.
ISBN: 2 910085 03 1
Conference Title: Proceedings of Third International Conference. Montpellier'94. Interface to Real and Virtual Worlds
Conference Date: 7-11 Feb. 1994 Conference Location: Montpellier, France
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: This paper deals with a new approach for complex odor detection and recognition. Our solution involves a multi-sensor system that feeds a **neural** network which is able to learn odor signatures from a set of data examples. The detection and the measurement of volatile chemicals concerns a wide range of applications, from environmental gases monitoring, to odor quality control for food, beverages and cosmetics. First, we emphasize the need to use several sensors for complex odors **classification** . Indeed, the proliferation of **patents** applications for gas sensing devices over the last decade indicates that today's sensors do not fulfil current needs (for instance, Figaro Engineering Co has placed than 40 patents since 1983). In fact, we show that when the problem is just to quantitate a single given analyte, then man-made mono-sensor systems lead to good results. However, when a complex volatile mixture differentiation is needed, then multi-sensor devices have to be involved. Second, we present a classical data analysis process on our multi-sensor system that classifies several qualities of coffee (Arabica, Robusta, ...). This data analysis leads to quite good simulation results in the case of non-noisy data. However, it is not surprising to find that performance decreases very rapidly with noise. We explain how **neural** networks can provide a relevant robust classification system suitable for use in an industrial and noisy environment. We give simulation results of our on-line **neural** networks classification for the quality control of coffee, and we explain how it is possible to train such a system for a huge number of odor control and recognition problems. (7 Refs)
Subfile: B C

17/7/9 (Item 9 from file: 2)
DIALOG(R)File 2:INSPEC

4550979 INSPEC Abstract Number: C9401-1230-187
Title: Research performance in artificial intelligence **and robotics: an international comparison**
Author(s): van den Besselaar, P.; Leydesdorff, L.
Author Affiliation: Dept. of Social Sci. Inf., Amsterdam Univ., Netherlands
Journal: AI Communications vol.6, no.2 p.83-91
Publication Date: June 1993 Country of Publication: Netherlands
CODEN: ACMMEE ISSN: 0921-7126
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: The authors give a brief overview of the **AI** and robotics research performance of several **countries** in the 1980s, but focus on the EC and some of its main competitors: the US, Canada, Japan and Sweden. Shares in research output are changing and the patterns differ between **AI** and robotics. First, they specify what **counts** as **AI** research output and robotics-research output. Although research has various types of output, the authors focus on research output in **terms** of publications in scientific journals. By making this selection, they neglect other types of

output like **patents** , artifacts, books and congress papers. The empirical base are the journals as included in the Science Citation Index and the Social Sciences Citation Index. They use the results of searching these databases to review the research. (13 Refs)
Subfile: C

17/7/10 (Item 10 from file: 2)
DIALOG(R)File 2:INSPEC

04282028 INSPEC Abstract Number: B9212-6140C-277, C9212-5260B-171
Title: Computer vision for locating buried objects
Author(s): Clark, G.A.; Hernandez, J.E.; DelGrande, N.K.; Sherwood, R.J.; Lu, S.-Y.; Schaich, P.C.; Durbin, P.F.
Author Affiliation: Lawrence Livermore Nat. Lab., CA, USA
Conference Title: Conference Record of the Twenty-Fifth Asilomar Conference on Signals, Systems and Computers (Cat. No.91CH3112-0) p. 1235-9 vol.2
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA
Publication Date: 1991 Country of Publication: USA 2 vol. xx+1269 pp.
ISBN: 0 8186 2470 1
U.S. Copyright Clearance Center Code: 1058-6393/91$01.00
Conference Sponsor: IEEE; Naval Postgraduate School; San Jose State Univ
Conference Date: 4-6 Nov. 1991 Conference Location: Pacific Grove, CA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P); Experimental (X)
Abstract: Given two registered images of the Earth, **measured** with aerial dual-band infrared (IR) sensors, the authors use advanced computer vision/automatic target recognition techniques to estimate the positions of buried land mines. The images are very difficult to interpret, because of large amounts of clutter. Conventional techniques use single-band imagery and simple correlations. They rely heavily on the judgment of the human doing the interpretation, and give unsatisfactory results with difficult data sets of the type analyzed here. The automatic algorithms used by the authors are able to eliminate most of the clutter and give greatly improved indications of regions in the image that could be interpreted as mines. The novelty of the present approach lies in the following aspects: (1) a **patented** data fusion technique using two IR images and physical principles based on Planck's law; (2) a new region-based **texture** segmentation algorithm using Gabor transform features and a clustering/thresholding algorithm based on a **neural** network (self-organizing feature map); (3) prior knowledge of **measured** feasible temperatures and emissivities; and (4) results with real data using buried surrogate mines. (5 Refs)
Subfile: B C

17/7/11 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC

04263111 INSPEC Abstract Number: C9212-0230B-001
Title: Artificial intelligence systems and patents-the challenge
Author(s): Skulikaris, Y.
Author Affiliation: Eur. Patent Office, Munich, Germany
Journal: IFIP Transactions A (Computer Science and Technology) vol.A-13 p.571-8
Publication Date: 1992 Country of Publication: Netherlands
CODEN: ITATEC ISSN: 0926-5473
Conference Title: Education and Society. Information Processing 92
Conference Sponsor: IFIP

Conference Date: 7-11 Sept. 1992 Conference Location: Madrid, Spain
Language: English Document Type: Conference Paper (PA); Journal Paper (JP)
Treatment: Practical (P)
Abstract: This paper presents an analysis of problems in the context of patent protection for industrial applications of **artificial intelligence** (**AI**). Since patent protection creates a status of monopoly associated with economic and legal implications, both **AI** involved industry and the public have a vital interest in an efficient **patent** system. The **analysis** focuses on **AI** systems based on inductive inference and systems involving connectionist architecture. The problems arising when patent protection is sought for such systems are pointed out and the shortcomings of the established patent examination practice with regard to such systems are briefly discussed. Special attention is given to crucial patent requirements with regard to the definition of an **AI** system, such as establishing clarity, avoiding monopolization of algorithms, and making functional interrelation explicit. Possible solution approaches are proposed. (8 Refs)
Subfile: C

17/7/12 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC

04078094 INSPEC Abstract Number: C9203-7250-011
Title: Linguistically based functions in information retrieval: PADOK and the German Patent Information System
Author(s): Krause, J.; Womser-Hacker, C.
Author Affiliation: Linguistische Informationswissenschaft, Regensburg Univ., Germany
Journal: Computers and the Humanities vol.25, no.2-3 p.103-14
Publication Date: April-June 1991 Country of Publication: Netherlands
CODEN: COHUAD ISSN: 0010-4817
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Reports on methodological considerations and the results of the information retrieval (IR) project PADOK I ad II. PADOK has been carried out by the Linguistic Information Science Group of the University of Regensburg (LIR) and has been sponsored by the German Ministry for Research and Technology. The long **term** objective is to integrate **artificial intelligence** topics and the methods of information retrieval research without neglecting traditional IR methodology. In PADOK the authors consider a type of mass data IR system which indexes its documents rather shallowly and adds an intelligent information retrieval component to this kernel system. So far they have obtained, on the basis of two large-scale retrieval tests of the German **Patent** Information System results which show how the linguistically based functions of an indexing system contribute to its performance, and indicate what is the most reasonable basic content **analysis** program for a German **Patent** Information System. (31 Refs)
Subfile: C

17/7/13 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC

04001664 INSPEC Abstract Number: C91073668
Title: An expert system for patent classification
Author(s): Valkonen, P.; Nykanen, O.
Author Affiliation: Neste Corp., Porvoo, Finland
Journal: World Patent Information vol.13, no.3 p.143-8

Publication Date: 1991 Country of Publication: USA
CODEN: WPAID2 ISSN: 0172-2190
Language: English Document Type: Journal Paper (JP)
Treatment: Applications (A); Practical (P)
Abstract: Difficulties in using the International **Patent Classification** (IPC), especially for infrequent users, as discussed and the feasibility of producing an expert computer program to assist user is considered. A prototype IPC **expert system** generated in Finland on a Macintosh personal computer is described. (13 Refs)
Subfile: C

17/7/14 (Item 14 from file: 2)
DIALOG(R)File 2:INSPEC

03966507 INSPEC Abstract Number: C91059573
Title: Proceedings of the 5th Jerusalem Conference on Information Technology (JCIT). Next Decade in Information Technology (Cat. No.90TH0326-9)
Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
Publication Date: 1990 Country of Publication: USA xiii+798 pp.
ISBN: 0 8186 2078 1
Conference Sponsor: IEEE
Conference Date: 22-25 Oct. 1990 Conference Location: Jerusalem, Israel
Language: English Document Type: Conference Proceedings (CP)
Abstract: The following topics are dealt with: very large memories; new architectures; special-purpose computers; operating systems; distributed programming and systems; communications; computer-aided software engineering; software engineering; **artificial intelligence** ; natural **language** processing; foundations of computer science; knowledge bases; databases; information technology; copyright and **patent** protection for software and interfaces; managing bibliographic data; computers in education; image processing; intelligent vehicle highway systems; and reactive systems.
Subfile: C

17/7/15 (Item 15 from file: 2)
DIALOG(R)File 2:INSPEC

03963906 INSPEC Abstract Number: C91060053
Title: Effects of linguistic functions on information retrieval in a German- language **full-** text **database: comparison between retrieval in** abstract **and full** text
Author(s): Tauchert, W.; Hospodarsky, J.; Krause, J.; Schneider, C.; Womser-Hacker, C.
Author Affiliation: Bundespatentgericht, Munchen, Germany
Journal: Online Review vol.15, no.2 p.77-86
Publication Date: April 1991 Country of Publication: UK
CODEN: OLREDR ISSN: 0309-314X
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The paper reports the results of the information retrieval project PADOK-II. This project, which began in November 1987, is being carried out by the Linguistic Information Science Group of the University of Regensburg (LIR) in cooperation with the German **Patent** Office (GPO). The long- **term** aim is to integrate **artificial intelligence** into information retrieval research without neglecting traditional information retrieval methodology. In PADOK-II an information retrieval system is considered which indexes documents rather shallowly using free- **text** or

morphological components. A large-scale retrieval test has been carried out, based on the German **Patent** Information System. Answers have been obtained to some 400 queries made by 10 users in simulated real-life situations. These results have been used to attempt to answer the question: 'How do the linguistically-based functions of an indexing system contribute to its performance?' As a spinoff of this test. the influence of document size and structure was studied with a view to identifying the most reasonable basic content for a German **Patent** Information System. (6 Refs)
Subfile: C

17/7/16 (Item 16 from file: 2)
DIALOG(R)File 2:INSPEC

03883736 INSPEC Abstract Number: C91037426
Title: Expert systems **for information management**
Author(s): Shoval, P.; Arazi, B.; Gudes, E.; Efrain, D.
Author Affiliation: Ben Gurion Univ. Negev, Beer Sheva, Israel
Journal: Expert Systems for Information Management vol.3, no.2 p. 85-114
Publication Date: 1990 Country of Publication: UK
ISSN: 0953-5551
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: This paper describes an **expert system** for information retrieval in electronic databases: ERSE. The objective of the system is to support engineering professionals in formulating proper queries and submitting them to a retrieval database. The system consists of: (a) a knowledge-base, which is a thesaurus of **terms** and semantic relationships, implemented as a semantic network; (b) a search and evaluation mechanism: the inference-engine, which conducts a guided search aimed at finding appropriate query **terms** . While doing so it invokes relevant knowledge, evaluates it, and suggests final findings to the user; (c) a database of **patents** in the domain of error-correction codes, implemented with a relational database management system (DBMS); (d) a retrieval mechanism, which **measures** the similarity between the system generated **weighted** query, and the **index terms** of **patents** , and returns a rank-ordered set of **patents** . The user is then able to provide feed-back and improve his query accordingly; (e) user interfaces, including system capability to explain its findings/decisions. The system is implemented in Prolog, C and INGRES, under Unix. The system design is described, and examples of its operation and evaluation of its performance are given. (19 Refs)
Subfile: C

17/7/17 (Item 17 from file: 2)
DIALOG(R)File 2:INSPEC

03665257 INSPEC Abstract Number: C90048011
Title: PADOK-II: retrieval tests for the evaluation of full text indexing **variants of the German** Patent **Information System**
Author(s): Krause, J.; Womser-Hacker, C.
Author Affiliation: Regensburg Univ., West Germany
Journal: Nachrichten fur Dokumentation vol.41, no.1 p.13-19
Publication Date: Feb. 1990 Country of Publication: West Germany
CODEN: NADOAW ISSN: 0027-7436
U.S. Copyright Clearance Center Code: 0027-7436/90/0102-0013$02.50/0
Language: German Document Type: Journal Paper (JP)
Treatment: Experimental (X)
Abstract: Reports the results of a large-scale retrieval test with two

variants of automatic indexing systems (freetext and PASSAT) for the full **text** version of the German **Patent** Information System. The test was carried out by the Linguistic Information Science Department of the University of Regensburg in cooperation with the German **Patent** Office, the German Information Center Karlsruhe and industrial partners. The focus of the paper is laid on the general principles and aims of the project and the statistical evaluation of the retrieval test. (26 Refs)
Subfile: C

17/7/18 (Item 18 from file: 2)
DIALOG(R)File 2:INSPEC

03622173 INSPEC Abstract Number: C90035343
Title: A methodology for knowledge engineering using an interactive graphical tool for knowledge modelling
Author(s): Kellett, J.M.; Winstanley, G.; Boardman, J.T.
Author Affiliation: Inf. Technol. Res. Inst., Brighton Polytech., UK
Journal: Artificial Intelligence in Engineering vol.4, no.2 p. 92-102
Publication Date: April 1989 Country of Publication: UK
ISSN: 0954-1810
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: A basic feature of human nature is the propensity to construct boundaries which define territorial possession. Such assumed possessions are often jealously guarded by their owners, and a consequence of this primitive instinct is the emergence of subject specialists who exercise in-**depth** 'lordship' over their domain of expertise. For many years computer science has made attempts to relate to this phenomenon of expert **intellectual property** by developing mechanisms in software to emulate reasoning capability. Correspondingly this has resulted in the development of intelligent knowledge-based (or **expert**) **systems** , along with their attendant processes of knowledge elicitation, representation and exploitation. The paper defines a context for knowledge engineering, the **term** being used to define spanning the void between domain expertise and the intelligent knowledge based system. It goes on to describe the systemic development of a particular solution to the knowledge engineering problem which is underpinned by a software environment called VEGAN (a Visual Editor for the Generation of Associative Networks). Many attempts have been made at bridging this gap, and VEGAN represents a significant aid to the knowledge engineering task, in the context of frame-based systems. Rather than attempt to create a unidirectional information path from expert to computer system (or knowledge engineer), VEGAN presents a common forum for discussion about, and exploration of, the expertise of the domain specialist. By doing so it helps the flow of information between the two parties. VEGAN represents an approach to a human-natured design of a software system which: emphasis with the 'culture' of the expert; provides a bridge between the expert and the computer system by shielding the expert from the underlying complexity of the system; and aids the study of the organization of expertise, and thus induces further information. (17 Refs)
Subfile: C

17/7/19 (Item 19 from file: 2)
DIALOG(R)File 2:INSPEC

03618332 INSPEC Abstract Number: C90035621
Title: Guessing games (Mindreader word processor)
Author(s): Loney, M.
Journal: What Micro p.64

Publication Date: April 1990 Country of Publication: UK
CODEN: WHMID6 ISSN: 0264-441X
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Product Review (R)
Abstract: Reviews Mindreader, a **word** processor that uses a **patented artificial intelligence** engine to learn writing styles and, as if reading your mind, anticipates what will be typed next. By saving keystrokes, this could be a life-saver for the one-fingered typist. (0 Refs)
Subfile: C

17/7/20 (Item 20 from file: 2)
DIALOG(R)File 2:INSPEC

03555989 INSPEC Abstract Number: C90015962
Title: Electronic and computer-aided publishing: opportunities and constraints
Author(s): Solomon, R.J.
Author Affiliation: Media Lab., MIT, Cambridge, MA, USA
Book Title: Information technology and new growth opportunities p. 101-31
Publisher: OECD, Paris, France
Publication Date: 1989 Country of Publication: France 201 pp.
Language: English Document Type: Book Chapter (BC)
Treatment: General, Review (G)
Abstract: Emerging computer and telecommunications technologies are likely to change the nature of today's printing, distribution, graphics, photographic, writing, and allied industries by the end of this decade. This will create new opportunities for information accessibility and industrial growth in the generic publishing area. By definition, publishing in the electronic era will encompass all forms of **textual** and graphics distribution including full-motion video. In this diffusion process, these technologies will create a number of problems, for example: (i) **intellectual property** ; (ii) telecommunication standards and interconnection; (iii) industrial re-structure, labour mobility; and (iv) protection against fraudulent documentation. Information can now be produced, stored, retrieved, and transmitted in ways that bring out anomalies in the old methods and which create and amplify connections which were impossible before. Mechanisms which access numerous online data sources involving multiple jurisdictions, and which use **artificial intelligence** techniques to automatically combine, re-write, and modify this input in order to re-distribute the information ('publish') electronically also do not fit well with conventional views of copyright. (12 Refs)
Subfile: C

17/7/21 (Item 21 from file: 2)
DIALOG(R)File 2:INSPEC

03507111 INSPEC Abstract Number: C90003471
Title: Information Online 89. Fourth Australasian Online Information Conference
Journal: Information Services & Use vol.9, no.1-2
Publication Date: 1989 Country of Publication: Netherlands
CODEN: ISUDX8 ISSN: 0167-5265
U.S. Copyright Clearance Center Code: 89/$03.50
Conference Title: Information Online 89. Fourth Australasian Online Information Conference
Conference Date: 17-19 Jan. 1989 Conference Location: Sydney, NSW,

Australia
Language: English Document Type: Conference Proceedings (CP); Journal Paper (JP)
Treatment: Practical (P)
Abstract: Australian and New Zealand databases; networking in ASEAN, **intellectual property** ; land information systems; **expert systems** ; CD-ROMs; and search results processing. The papers fall into 3 categories: reviewing the state of the art and current practice in the online industry, looking critically and imaginatively at the future development and use of online services in Australasia and emphasising a new concentration on a framework of reality in which online development and services are looked at in economic **terms** .
Subfile: C

17/7/22 (Item 22 from file: 2)
DIALOG(R)File 2:INSPEC

03452798 INSPEC Abstract Number: C89057376
Title: National Online Meeting Proceedings - 1989
Publisher: Learned Inf, Medford, NJ, USA
Publication Date: 1989 Country of Publication: USA xv+506 pp.
ISBN: 0 938734 34 2
Conference Sponsor: Learned Inf
Conference Date: 9-11 May 1989 Conference Location: New York, NY, USA
Language: English Document Type: Conference Proceedings (CP)
Treatment: Practical (P); Experimental (X)
Abstract: The following topics were dealt with: gateways; CD-ROM business databases; government information sources; end user access to medical information; engineering information workstations user interfaces for online services; indexing of graphic materials; **text** /image database design and performance; chief information officer responsibilities; Comprehensive Core Medical Library; alternatives to online databases; trade data; WISER; full **text** searching behavior; library automation project management; private databases; third world information needs; facsimile and copyright; EasyNet end user's reference needs; trademark images on Dialog; **AI** ; image publishing on CD-ROM; ARS Pesticide properties database; SGML and TeX for interactive chemical encyclopedia; **patent** information; strategic business intelligence; ISDN; Search MAESTRO SOS; hypertext; telephone diversification and information industry of 1990's; global market; reference media diversification; spelling errors; document fulfillment; data quality; art and architecture thesaurus; behavioral and social science information; Information Index; international marketing; aural interfaces; in-house bibliographic databases; PENpages; **expert systems** ; bilingual Hebrew-English acquisition system; CD-ROM MEDLINE; document image archive; and online searching education.
Subfile: C

17/7/23 (Item 23 from file: 2)
DIALOG(R)File 2:INSPEC

03430618 INSPEC Abstract Number: B89053687, C89051087
Title: Electronic circuit diagnostic expert systems **-a survey**
Author(s): Lirov, Y.
Author Affiliation: AT&T Bell Labs., Holmdel, NJ, USA
Journal: Computers & Mathematics with Applications vol.18, no.4 p. 381-98
Publication Date: 1989 Country of Publication: UK
CODEN: CMAPDK ISSN: 0097-4943
U.S. Copyright Clearance Center Code: 0097-4943/89/$3.00+0.00

Language: English Document Type: Journal Paper (JP)
Treatment: Bibliography (B); Theoretical (T)
Abstract: The electronic circuit diagnostic problem is roughly formulated and subdivided into six subproblems. Current literature and **patents** are surveyed with respect to the above six subproblems. Some of the existing expert diagnostic systems as well as expert diagnostic shells are described and their limitations are outlined. A review of the relevant **terms** from **AI** is included. The bibliography list contains some 300 references. (320 Refs)
Subfile: B C

17/7/24 (Item 24 from file: 2)
DIALOG(R)File 2:INSPEC

03328529 INSPEC Abstract Number: C89019788
Title: RIPR: a study in collaborative research
Author(s): Gregory, P.J.
Author Affiliation: R. Signals & Radar Establ., Malvern, UK
Conference Title: Conference Proceedings - MILCOMP '88: Military Computers, Graphics and Software p.197-200
Publisher: Microwave Exhibitions & Publishers, Tunbridge Wells, UK
Publication Date: 1988 Country of Publication: UK 454 pp.
ISBN: 0 946821 46 1
Conference Date: 27-29 Sept. 1988 Conference Location: London, UK
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: Looks at the aims, organisation and achievements of the research initiative in pattern recognition (RIPR), one of the first projects to be set up under the Department of Trade and Industry's national electronics research initiative (NERI). The aim of the scheme is to promote collaborative research in new high technology areas and where appropriate, to provide a more effective spin-off to industry of advanced research from the MOD. An initiative is a fixed **term** activity, initially for three years, located at one site. RSRE was chosen as the host for RIPR because of its existing expertise and facilities in the area of pattern recognition. The research programme is undertaken by staff seconded from the collaborating companies and MOD, and consists of two linked topics, one for image understanding systems and the other on **neural** network computing. The Department of Trade and Industry supports the infrastructure costs-facilities, materials and support services needed by the project, while the partners meet their own staff costs. **Intellectual property** developed by the project is shared between the partners, who will then be responsible for exploitation, either separately or in joint ventures. (0 Refs)
Subfile: C

17/7/25 (Item 25 from file: 2)
DIALOG(R)File 2:INSPEC

03160670 INSPEC Abstract Number: C88041468
Title: A knowledge representation and inference system for procedural law
Author(s): Nitta, K.; Nagao, J.; Mizutori, T.
Author Affiliation: Electrotec. Lab., Ibaraki, Japan
Journal: New Generation Computing vol.5, no.4 p.319-59
Publication Date: 1988 Country of Publication: Japan
CODEN: NGCOE5 ISSN: 0288-3635
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: KRIP-2 is a name of a software tool for building **expert**

systems of a legal problem. It was developed to build an **expert system** for the **Patent** Law. Laws can be **classified** into the substantive laws and the procedural laws, and the **Patent** Law contains both of them. As these laws have different features, it is inconvenient to develop the knowledge base of these in the same knowledge representation. To develop a knowledge base of laws, a knowledge representation **language** KRIP/L was introduced. KRIP/L was an integration of the object oriented concept and extended Prolog, and has useful mechanisms to describe the phenomena occurred in the legal problem. KRIP/L-2 is the second version of KRIP/L. KRIP-2 is an implementation of KRIP/L-2, and composed of some utility modules. KRIP-2 is implemented in Prolog, and an **expert system** for the **Patent** Law is developed in KRIP-2. (14 Refs)
Subfile: C

17/7/26 (Item 26 from file: 2)
DIALOG(R)File 2:INSPEC

03047921 INSPEC Abstract Number: C88009029
Title: Intelligent information systems: or how to avoid information overload
Author(s): Lebowitz, M.
Author Affiliation: Dept. of Comput. Sci., Columbia Univ., New York, NY, USA
Conference Title: Electro/87 and Mini/Micro Northeast: Focusing on the OEM. Conference Record p.1/3/1-7
Publisher: Electron. Conventions Manage, Los Angeles, CA, USA
Publication Date: 1987 Country of Publication: USA 1132 pp.
Conference Sponsor: IEEE; ERA
Conference Date: 7-9 April 1987 Conference Location: New York, NY, USA
Availability: Western Periodicals, North Hollywood, CA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The combination of computer and communication technologies has made available vast amounts of information in online form. There is a real danger of this information overwhelming users. A potential solution to the problem is the development of very powerful intelligent information systems that make use of **artificial intelligence** techniques, including natural **language** processing and machine learning. Such systems should be able to filter information, organize data in a way that makes it easily accessible, detect patterns in data and tailor responses to individual users. The article describes some of the potential domains where intelligent information systems might be of use. RESEARCHER a prototype intelligent information system that reads, remembers, generalizes from and answers questions about complex technical **texts** , **patent abstracts** in particular, is presented. (22 Refs)
Subfile: C

17/7/27 (Item 27 from file: 2)
DIALOG(R)File 2:INSPEC

03008505 INSPEC Abstract Number: C87066541
Title: KRIP: knowledge representation and inference system for laws relating to industrial property
Author(s): Nitta, K.; Nagao, J.; Mizutori, T.
Author Affiliation: Div. of Software, Electrotech. Lab., Tokyo, Japan
Journal: Transactions of the Information Processing Society of Japan vol.27, no.11 p.1042-52
Publication Date: 1986 Country of Publication: Japan
CODEN: JSGRD5 ISSN: 0387-5806

Language: Japanese Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: Describes KRIP as an **expert system** for the laws, relating to industrial property (laws of **patents** , utility models, designs, trademarks, etc.) KRIP/L is the main descriptive **language** of the **patent** law **expert system** constructed on KRIP. KRIP/L, as a **language** to combine object-oriented concepts with the section logical equation, has been developed mainly to describe regulations on procedures. KRIP is composed of (i) the expert support system to develop the knowledge base by using KRIP/L and (ii) the user support system to utilize the knowledge base. (13 Refs)
Subfile: C

17/7/28 (Item 28 from file: 2)
DIALOG(R)File 2:INSPEC

02887154 INSPEC Abstract Number: B87031155, C87029941
Title: Proceedings of the IASTED Symposium: Applied Informatics, AI '86
Editor(s): Hamza, M.H.
Publisher: Acta Press, Anaheim, CA, USA
Publication Date: 1986 Country of Publication: USA 114 pp.
ISBN: 0 88986 086 6
Conference Date: 18-20 Feb. 1986 Conference Location: Innsbruck, Austria
Language: English Document Type: Conference Proceedings (CP)
Abstract: The following topics were dealt with: photochemical reactor model; heating and airconditioning systems design; computer vision; robot design and simulation programming system; robot networks management; voice interactive aircraft command functions; industrial correlator; CMOS VLSI circuit modeling and testing; PLA testing; fluid dynamics of charged particles; mechanical design optimization; algorithm animation as learning tool; handicapped communication aids; dynamic memory network models; database design package; Yugoslav **patent** and trademark database; cubes structured systems; VLSI implementation; natural **language** instructions for applications software; room and pillar moving; convolution decoding IC; multiprocessor I/O device management; pulp refiner control; cycloconverter control; fault current limiter; data structure for engineering drawings; software verification **expert system** ; and group technology algorithm. **Abstracts** of individual papers can be found under the relevant classification codes in this or other issues.
Subfile: B C

17/7/29 (Item 29 from file: 2)
DIALOG(R)File 2:INSPEC

02720000 INSPEC Abstract Number: C86045061
Title: Expert systems **in scientific information exchange**
Author(s): Nowak, E.J.; Szablowski, B.F.
Author Affiliation: Main Libr. & Sci. Inf. Centre, Tech. Univ., Wroclaw, Poland
Conference Title: DATABASE '83. International Conference on the Application of Internationally Available Databases to National Scientific and Technical Information Systems p.588-601 vol.2
Editor(s): Szabo, A.
Publisher: OMIKK - Technoinform, Budapest, Hungary
Publication Date: 1984 Country of Publication: Hungary 2 vol. 730 pp.
ISBN: 963 592 301 5
Conference Sponsor: UNESCO; FID
Conference Date: 6-8 June 1983 Conference Location: Budapest, Hungary

Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: In recent years **expert systems** (or decision-supporting systems) have become an object of intensive research, which can be seen in their dynamic development and growing number of applications. Early applications of these systems have been mainly concerned with military problems but at present they are also used to solve some decision problems in such areas as business management, computer diagnostics, therapeutics or organic compounds synthesis. The paper presents **expert systems** as a new generation of information storage and retrieval systems which may considerably improve the processes of scientific and technical information exchange and dissemination, increasing the effectiveness of an utilization of some kinds of information as for example **patent** information. Essential features of the **expert systems** with databases containing scientific and technical information have been specified. For databases in which a semantic network is used as a knowledge representation scheme, the database organization problems have been discussed with some more attention paid to the problem of extracting factual information from the **texts** of scientific publications. (17 Refs)
Subfile: C

17/7/30 (Item 30 from file: 2)
DIALOG(R)File 2:INSPEC

02317353 INSPEC Abstract Number: C84041446
Title: How to bar key problems (British Patent Specifications)
Author(s): Hooper, J.
Journal: Practical Computing vol.7, no.9 p.39-40
Publication Date: Sept. 1984 Country of Publication: UK
CODEN: PRCODZ ISSN: 0141-5433
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G)
Abstract: The author looks at recent advances in computer technology which are disclosed in British **Patent Specifications** . For instance, a new Sharp keyboard, a new Casio calculator and a Sinclair electronic notepad are discussed. (0 Refs)
Subfile: C

17/7/31 (Item 31 from file: 2)
DIALOG(R)File 2:INSPEC

02186425 INSPEC Abstract Number: C84007235
Title: A logic structure for presenting knowledge in intelligent automatons
Author(s): Liss, E.
Journal: Nachrichtentechnik Elektronik vol.33, no.10 p.403-8
Publication Date: 1983 Country of Publication: East Germany
CODEN: NTELAP ISSN: 0323-4657
Language: German Document Type: Journal Paper (JP)
Treatment: General, Review (G); Theoretical (T)
Abstract: A formal survey of the symbolic logic investigations into **artificial intelligence** , mainly based on papers and **patents** published in the DDR is given. The main processes, recognition, estimation, evaluation and decision, are traced from the cognitive approach **point** of view for hardware of the 3rd, 4th and the future 5th generation. Relationships are considered under four headings: the logic description of causal concept networks; basic relationships constructs of a cognitive logic; formal representations by symbolic invariants of semantic networks at hierarchical **abstract** levels; postulation of semantic information

concepts of syntax structures. The treatment of the above four groups is organized under theorems, a total of 20 being stated in **terms** of symbolic logic. Thus, a formal discussion of methods of achieving associative memory facilities for **artificial intelligence** models, endowed with self-modifiable learning ability is presented. (19 Refs)
Subfile: C

17/7/32 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00310615 93IT04-010
Online ''Down Under'': The Information Online and On Disc '93 Conference
Hawkins, Donald T
Information Today , April 1, 1993 , v10 n4 p10-11, 2 Page(s)
ISSN: 8755-6286
Company Name: Australian Library and Information Association
Reports on the Information Online and On Disc '93 conference sponsored in January by the Australian Library and Information Association in Sydney. Says highlights were an ''outreach'' program offering tours of the exhibits for local businesses; an exhibit displaying a PC-based search, retrieval, and display program which produced discs of the conference's printed papers; and two public-use **terminals** connected to a local Internet node which allowed conferees to read and send electronic mail, access library catalogs, etc. Topics discussed were: The Internet; copyright issues; product design for end users; **expert systems** , **artificial intelligence** , hypertext; electronic journals; and pricing. In emphasis on Australian systems as well as international. (cnr)

17/7/33 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00175355 88MA08-404
Apple buys pattern-match technology
Whitmer, Clair
MacWEEK , August 30, 1988 , v2 n35 p1, 9
Reports that Apple has purchased `` **patent** , software and related technology'' from Airus Inc. Airus, which is now out of business, formerly produced three products designed to check real-time input: WriteNow ($NA), a **word** processor; **AI** -Typist ($NA), a spelling checker; and Detente ($NA), a command-line error detection program. An Apple spokesman says Apple has no current plans to introduce any new products based on this new technology. (djd)

17/7/34 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

1332664 H.W. WILSON RECORD NUMBER: BAST94019865
Practical alarm filtering
Bray, Michael; Corsberg, Daniel
InTech v. 41 (Feb. '94) p. 34-6
DOCUMENT TYPE: Feature Article ISSN: 0192-303X

ABSTRACT: A **patented** alarm filtering method that processes the alarm signals of industrial processes is proposed. It is well known among industrial process operators that many alarm systems have too many alarms. Alarm filtering can be used in such instances to reduce information overload in process annunciator systems. A method of alarm filtering that

uses **expert system** technology to prioritize and reduce the number of alarms presented to an operator was developed. This method was successfully implemented in a pressurized water reactor and a chemical processing facility. The original programming environment used for the method was Interlisp but, following life cycle problems, filtering techniques and tools were converted to a tool called The Alarm Management Environment, written in C. This conversion facilitates the transfer and integration of the alarm filtering technology to a variety of process control applications. .
?

?t23/7/all

23/7/1 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01693574 ORDER NO: AAD99-22500
TAMING THE LIGHTNING: AMERICAN TELEGRAPHY AS A REVOLUTIONARY TECHNOLOGY, 1832-1860 (COMMUNICATIONS, PATENT LAW, SAMUEL F. B. MORSE)
Author: HOCHFELDER, DAVID PAUL
Degree: PH.D.
Year: 1999
Corporate Source/Institution: CASE WESTERN RESERVE UNIVERSITY (0042)
Adviser: CARROLL PURSELL
Source: VOLUME 60/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 860. 339 PAGES

This dissertation examines antebellum telegraphy as a revolutionary technology in both senses of that **term** , as a revolution in technological practice and as a transformative technology with revolutionary social and cultural effects. Historians of technology who have studied early telegraphy have argued that it was mainly a mechanical technology with strong ties to long-standing machine-shop culture and practices. Conversely, most historians believe that early telegraphy constituted a communications revolution; they have credited it with engendering immediate and deep effects upon commerce, society, and culture.

I argue instead that the telegraph was a technological revolution, a radical break from existing technical practices and communities, because it was an electrical technology with strong links to recent scientific discovery, and it was one of the first technologies to be organized as a system. I also **claim** that the telegraph did not usher in a communications revolution by 1860. Instead, it was an evolutionary technology; its impact upon American society and culture was much more subtle and gradual than contemporaries and historians have allowed. Antebellum telegraphy is best viewed as an important part of a larger communication and information network which also consisted of a completed postal system, reliable and accessible steam transportation, and a diverse and growing literary culture. While telegraphy did not immediately usher in a communications revolution, it did come to affect many areas of American life by the 1870s and 1880s. But its transformative power depended less on the technology itself than on the ways in which its owners and customers connected it to existing trends and issues in politics, economics, and mass culture.

In particular, I **cover** four related topics. Chapter 1 examines Morse as an inventor, paying particular attention to his intellectual and cultural contexts and his cognitive skills which helped him to succeed as an inventor. Chapter 2 explores the strong connection of Morse's telegraph to the practices and culture of the contemporary scientific community. Chapter 3 discusses the protracted legal baffle over the **scope** and validity of Morse's **patent** rights. Chapter 4 **evaluates** the antebellum telegraph as an agent of social and cultural change.

23/7/2 (Item 2 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01267818 ORDER NO: AAD91-09305
AUTOMATED PATENT CLASSIFICATION FOR GERMAN PATENT DOCUMENTS
Author: VON KEITZ, SAIEDEH ZAKARIA
Degree: PH.D.
Year: 1989
Corporate Source/Institution: UNIVERSITAET DES SAARLANDES (GERMANY) (1123)

Major Professor: JOHN HARVEY
Source: VOLUME 51/11-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3542. 215 PAGES

This study deals with the problem of designing an automated system for **classifying patent** documents. First the efforts to apply automation to library classification schedules are reviewed. Since automation should provide better access to the body of technical knowledge, an automated patent system must be supported. To organize **patent** information, the International **Patent Classification** (IPC), which is accepted worldwide, is used. It is a one-dimensional hierarchic **classification** system. German **patent** documents are stored in a databank, PATDPA. PATDPA contains over 600,000 documents published since 1981.

Because of the special structure of patent applications (**claims** and description) the information directly related to the invention and the information additional and supplementary to the invention can be helpful for assigning class numbers through an automated system.

The German Patent Office makes available several aids to facilitate retrieval of information from classified documents. The Directory of Alphabetical Order **Patent** Descriptors and **Index Terms** is a list of the technical and common names of processes, machines, articles, composition of matter and other technological **terms** . This directory is used as a guide, rather than a precise locater. It should also be published in numerical order. Once the user learns the appropriate class with the approximate subclass of interest, then the directories in class number order can be helpful. These directories are used in the suggested automated classification system.

To obtain the innovative information and the concept of the patent application, its full **text** should be indexed. The two keyword indexing techniques, KWIT (keyword in title) and KWOT (keyword out of **text**), are suggested for indexing the title and full **text** to extract the **terms** representing the concept of the **patent** application. Through the occurrence **analysis** and **weighting** of these **terms** and with the help of the directories, the appropriate class numbers can be assigned. During this process the directories can be continuously completed and updated. This system can also improve and correct the classification of already classified documents.

The application of the International **Patent Classification** as an instrument for subject and **class** number search in the German **patent** databank PATDPA is illustrated. Suggestions are made for more effective retrieval in PATDPA. The above-mentioned processes and suggestions can bring the idea of thesaurus construction for each of the eight sections of the International **Patent Classification** into reality.

The suggested system simplifies the processing of patent documents, avoids mistakes and results in a well **classified** collection of **patent** documents which is obviously fundamental to determining patentability of a **patent** application. A uniform **classification** facilitates worldwide search into the existence of patent rights.

23/7/3 (Item 3 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online

01255590 ORDER NO: AAD92-39505
COMPARATIVE STUDY OF PATENT CLAIM INTERPRETATION IN THE UNITED STATES, FEDERAL REPUBLIC OF GERMANY, AND JAPAN
Author: TAKENAKA, TOSHIKO
Degree: PH.D.
Year: 1992
Corporate Source/Institution: UNIVERSITY OF WASHINGTON (0250)
Chairperson: DONALD S. CHISUM
Source: VOLUME 53/08-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2959. 596 PAGES

This dissertation aims to identify essential differences and common principles in determining the patent protection **scope** by reference to patent **claims** in the United States, Germany and Japan, and to propose a uniform **claim** interpretation method. The analysis focuses on the case law to illustrate the problems courts often encounter and the application of the principles.

Chapter 1 deals with the historical development of **claim interpretation** theory and underlying **patent** policy in each jurisdiction. In particular, the analysis focuses on the shift between the central definition theory and the peripheral definition theory in each jurisdiction.

Chapter 2 discusses the general **claim** interpretation theory. In general, American **claim** interpretation analysis consists of two steps: determination of literal infringement and infringement under the doctrine of equivalents. In contrast, German analysis is traditionally a single step construing **claim language** and finding equivalency at the same step. Japanese analysis is also a single step by seldom applying the doctrine of equivalents. Thus, this chapter discusses the policies and theoretical reasons causing these differences in each jurisdiction.

Chapter 3 discusses the case law of **claim** interpretation theory in each jurisdiction. It classifies cases depending on the principles that courts applied, and compares the result of the application of these principles. This comparison reveals that principles believed to be common to three jurisdictions functions in different ways.

Based on the difference identified in Chapter 3, Chapter 4 evaluates the principles in each jurisdiction and propose the uniform **claim** interpretation method. For literal interpretation, the proposal focused on the function of the **claim language** to prevents courts from departing from what meant by the **claim** and secure the legal certainty. For applying the doctrine of equivalents, the proposal stresses the advantage of the nonobviousness test and the necessity of uniforming the two step test for determining the patent protection **scope** with the novelty and nonobviousness test for achieving the patent policy of encouraging innovation. The dissertation concluded with the proposal of the research institutions to progress the harmonization of patent system in these three jurisdictions.

23/7/4 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

5213979 INSPEC Abstract Number: C9605-0230B-001
Title: In re Alappat: a strict statutory interpretation **determining** patentable **subject matter relating to computer software?**
Author(s): Kim, S.H.M.
Journal: John Marshall Journal of Computer & Information Law vol.13, no.4 p.635-65
Publisher: John Marshall Law School,
Publication Date: Summer 1995 Country of Publication: USA
CODEN: JCJIEI ISSN: 0886-3628
SICI: 0886-3628(199522)13:4L.635:ASSI;1-E
Material Identity Number: C434-96001
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)
Abstract: The long awaited decision of In re Alappat by the U.S. Court of Appeals for the Federal Circuit has resolved the issue of whether the U.S. Patent and Trademark Office (PTO) can ignore 35 USC section 112, Para 6 in determining patentable subject matter pursuant to 35 USC section 101. Alappat involved patentability determinations of a means-plus-function **claim** .(A) giving means-plus-function **terms** their **broadest** reasonable

interpretation without regards to the specification, and (B) reading limitations from the specification as sanctioned by 35 USC section 112, Para 6.3. The Federal Circuit overturned the PTO`s long standing practice of giving means-plus-function limitations their **broadest** reasonable interpretation without regards to the specification. This article reviews the Federal Circuit`s decision. It describes Alappat`s invention and details the case background of the examiner`s rejection, the appealed decision to a three member panel of the Board of Patent Appeals and Interferences, and the reconsideration decision of the Original Board by an expanded panel of the Board. It then analyzes the Federal Circuit`s strict statutory interpretation of 35 USC section 112, Para 6 in patentability determinations pursuant to 35 USC section 101, and discusses the legal basis for determining the extent of the specification that may be read into a means for **claim** . Finally, it discusses how the rationale used in Alappat may lead to patent grants for computer software related inventions protecting non-statutory subject matter under the guise of a means-plus-function **claim** . (124 Refs)
Subfile: C

23/7/5 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

03350672 INSPEC Abstract Number: C89028486
Title: Considerations in searching databases spanning 20 years
Author(s): Hudnut, S.K.
Author Affiliation: Dialog Inf. Services Inc., Palo Alto, CA, USA
Conference Title: Online Information 88. 12th International Online Information Meeting p.459-65 vol.2
Publisher: Learned Inf, Oxford, UK
Publication Date: 1988 Country of Publication: UK 2 vol. x+viii+808 pp.
ISBN: 0 904933 68 7
Conference Date: 6-8 Dec. 1988 Conference Location: London, UK
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: Many of the major scientific databases have reached (or are reaching) the twenty-year mark. During this period, they have undergone numerous changes including: addition of new fields and corresponding data, modification of subject focus, changes in journal **coverage** , revision of vocabulary and classification codes. Meanwhile, various subject disciplines have evolved as a result of new discoveries, inventions or government policies. The paper focuses on the impact of such changes when searching the following databases: INSPEC COMPENDEX, CA SEARCH (Chemical Abstracts), **CLAIMS** /US **PATENTS** , and WORLD **PATENTS INDEX** . A summary of field/data changes which occurred in these databases and were documented in Dialog's publications is included. Also examined are different kinds of vocabulary changes and their effect on searching. These are: the evolution of **terminology** as a result of technological changes, changes over time of a database's controlled vocabulary, and **terminological** variations between different databases resulting from a different subject focus. Searcher intermediaries are offered several techniques to compensate for database variations over time, including tips for conducting such searches using Dialog's multifile capability, OneSearch (SM). End-user aids are proposed which summarize database limitations and provide clues on how to overcome database variations in searching. (7 Refs)
Subfile: C

23/7/6 (Item 3 from file: 2)
DIALOG(R)File 2:INSPEC

03204250 INSPEC Abstract Number: C88049407
Title: Methods for clustering simple Japanese sentences **using similarity** measure **between case frames**
Author(s): Fujiwara, Y.
Author Affiliation: NTT Commun. & Inf. Process. Labs., Musashino, Japan
Journal: Transactions of the Institute of Electronics, Information and Communication Engineers D vol.J71D, no.5 p.909-16
Publication Date: May 1988 Country of Publication: Japan
CODEN: DJTDE2 ISSN: 0374-468X
Language: Japanese Document Type: Journal Paper (JP)
Treatment: Theoretical (T)
Abstract: In order to **classify** papers and **patents** into fields or to **analyze** technical factors using **patent claims** , **classifying** simple **sentences** into categories by their contents is important. In this paper, three clustering methods are presented: **measuring** inter- **word** similarities obtained by combining the meanings of **words** and their grammatical roles in each **sentence** ; using cluster generating rules based on similar **sentence** sets, defined as STAR, for each **sentence** ; and evaluating performance using two kinds of **sentence** sets with the foregoing methods from seventy to eighty percent of all **sentences** can be classified. (7 Refs)
Subfile: C

23/7/7 (Item 1 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00621303 01SE02-008
That was the year that was - patents Y2K
Lambert, Nancy
Searcher: The Magazine for Database Professionals , February 1, 2001 , v9 n2 p10-20, 6 Page(s)
ISSN: 1070-4795
THE BETTER MOUSETRAP column focuses on the activity in patent information and patent document delivery resources in the Year 2000. Reports that Dialog introduced a database of French patents, and is currently loading U.S. patents full **text** the day of issue. Says that Questal-Orbit developed PlusPat, its new international database that includes more than 68 **countries** , as well as QWeb, which gives both end users and professional Searchers Web access to their databases. Relates that STN International introduced PNTText, a cluster of its three full- **text** patent files. Discusses IFI/ **Claims** Patent Services' release of a company name thesaurus and an up-to-date concordance between U.S. and international **patent classes** in an electronic format. Describes developments from Derwent, API/EnCompass, Chemical Abstracts Service, United States Patent and Trademark Office, Delphion, MicroPatent, and Patent Information Users Group (PIUG). Includes a list of resources. (sdb)

23/7/8 (Item 2 from file: 233)
DIALOG(R)File 233:Internet & Personal Comp. Abs.

00330982 93IT11-019
Rapid patent launches patent scan
Information Today , November 1, 1993 , v10 n10 p26, 1 Page(s)
ISSN: 8755-6286
Company Name: Rapid Patent
Product Name: Patent Scan; Patent Scan Plus; Patent Scan Update
Announces the release of Patent Scan ($995), a CD-ROM containing ten

years of information on U.S. patents (1974 to 1993) from Rapid Patent of Arlington, VA. Says it is easy to access, is cost- effective, and has a useful query screen with **point** -and-click interface. Also available are Patent Scan Update ($1,195), a cumulative index updated monthly which contains bibliographic information and abstracts, and Patent Scan Plus ($5,000), a ten CD-ROM set, containing **text** of abstracts and **claims** from 1974 to 1993. (cnr)

23/7/9 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

2365894 H.W. WILSON RECORD NUMBER: BAST01036133
A license for copycats?
Stix, Gary;
Scientific American v. 284 no6 (June 2001) p. 36
DOCUMENT TYPE: Feature Article ISSN: 0036-8733

ABSTRACT: A recent decision by the Court of Appeals for the federal circuit may clarify what can be **patented** while allowing copycat products. Legal **analysts** have **termed** the decision in the Festo v. SMC case in November 2000 as a fatal strike against the doctrine of equivalents, which protects an inventor against a copycat who creates a different but functionally equivalent product. This decision would affect many patents, as it would allow a copycat to examine which **claim** provisions in a patent have been amended and then design an invention with only a small number of alterations to those components. If this court decision stands, it would cheapen the **value** of existing patent portfolios and would make the patent application process longer and more expensive.
?

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?show files;ds
File 348:EUROPEAN PATENTS 1978-2002/Mar W02
         (c) 2002 European Patent Office
File 349:PCT FULLTEXT 1983-2002/UB=20020314,UT=20020307
         (c) 2002 WIPO/Univentio

Set     Items   Description
S1    1194128   PATENT? OR INTELLECTUAL()PROPERTY
S2     624780   ANALYS? OR EVALUAT? OR INTERPRET? OR CLASS? OR INDEX?
S3      50086   ARTIFICIAL()INTELLIGENCE? OR AI OR NEURAL? OR EXPERT()SYST-
             EM?
S4     755216   LANGUAGE OR WORD? OR TEXT? OR TERM? OR SENTENCE? OR PARAGR-
             APH?
S5    1040429   CLAIM? ?
S6     712584   BREADTH? OR SCOPE? OR BROAD? OR DEPTH? OR COVER?
S7    1052842   METRIC? OR MEASUR? OR WEIGHT? OR GRADE? OR GRADING? OR SCO-
             R? OR VALUE? OR POINT? OR COUNT?
S8     678474   PREAMBLE? OR SPEC OR SPECIFICATION? OR BACKGROUND? OR SUMM-
             ARY? OR ABSTRACT?
S9       1025   EIGENVALUE? OR EIGEN()VALUE?
S10    104888   S1(5N)S2
S11      8325   S4(S)S10
S12      7683   S5(S)S11
S13      4142   S12(S)(S7:S9)
S14       696   S1(5N)ANALYZ?
S15        99   S4(S)S14
S16        17   S5(S)S15
S17      4817   S1(S)S3
S18      1274   S4(S)S17
S19      9608   S11:S16 OR S18
S20         0   MC=T01-J16?
S21         0   S1 AND S20
S22       396   IC=G06F-015/18
S23       182   S1 AND S22
S24      9781   S19 OR S21 OR S23
S25      5266   S24 NOT PR=19990301:99999999
S26         9   AU=(STOBBS G? OR BIERNACKI J?)
S27      1358   S7(S)S12
S28       344   S3(S)S13
S29        34   S28 AND IC=G06F
S30       511   S13 AND IC=G06F
S31         3   S13 AND IC=G06F-015/18
S32        37   S29 OR S31
S33        29   S10 AND IC=G06F-015/18
S34        26   S33 NOT S32
S35       136   S1/TI
S36         2   S35 AND IC=G06F-015/18
S37        30   S35 AND (S10 OR S14)
S38        12   S35 AND (S10 OR S14)(S)S4(S)(S5:S7 OR S9)
?
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?t38/3,k/all

38/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01400139
System , method and computer program product for patent -centric and group-oriented data processing
System, Vefahren und Programmprodukt zur gruppenorganisierten Datenverarbeitung von Patenten
Systeme, procede et produit de programmes informatiques pour le traitement de donnees axe sur des brevets d'invention
PATENT ASSIGNEE:
Aurigin Systems, Inc., (2882240), 1975 Landings Drive, Mountain View, CA 94043, (US), (Applicant designated States: all)
INVENTOR:
Rivette, Kevin G., 2165 Waverley Street, Palo Alto, CA 94303, (US)
Rappaport, Irving S., 1500 Edgewood Drive, Palo Alto, CA 94303, (US)
Hohmann, Luke, 306 Windmill Park Lane, Mountain View, CA 94043, (US)
Puglia, David, 17429 East Vineland Avenue, Los Gatos, CA 95030, (US)
Goretsky, David, 272 Waverly Street, Sunnyvale, CA 94086, (US)
Jackson, Adam, 1063 Morse Avenue, Apt7-107, Sunnyvale, CA 94089, (US)
Rabb, Charles, Jr., 730 E.Evelyn Apt. 638, Sunnyvale, CAA 94086, (US)
Smith, David W., 3 Morning Sun Court, Mountain View, CA 94043, (US)
Park, Brian, 4029 Park Boulevard, Palo Alto, CA 94306, (US)
Thornthwaite, Warren, 147 Hedge Road, Menlo Park, CA 94025, (US)
Navarrete, Jorge A., 160 Hedge Road, Menlo Park, CA 94025, (US)
LEGAL REPRESENTATIVE:
Milhench, Howard Leslie et al (33863), R.G.C. Jenkins & Co. 26 Caxton Street, London SW1H 0RJ, (GB)
PATENT (CC, No, Kind, Date): EP 1184798 A2 020306 (Basic)
APPLICATION (CC, No, Date): EP 2001124936 980602;
PRIORITY (CC, No, Date): US 867392 970602; US 921369 970829
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 986789 (EP 98930054)
INTERNATIONAL PATENT CLASS: G06F-017/30
ABSTRACT WORD COUNT: 194
NOTE:
Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200210	8301
SPEC A	(English)	200210	73912
Total word count - document A			82213
Total word count - document B			0
Total word count - documents A + B			82213

System , method and computer program product for patent -centric and group-oriented data processing
System, Vefahren und Programmprodukt zur gruppenorganisierten Datenverarbeitung von Patenten

...SPECIFICATION define the search in terms of patent number, title, inventor, assignee, class, user-defined key **words** , date of issue, abstract, and/or full patent **text** by entering search **terms** into the corresponding fields of the Patent Search screen 140. Also, the operator can select...

...of factors, such as patent number, assignee, expiration date, number of years remaining in patent **term** , or **score** . The **score** corresponds to the number of hits of the search parameters in a patent. The operator...

...CLAIMS 6. The method of claim 5, wherein step (1) comprises the step of:

parsing and **analyzing** **text** in said user-selected **patent** corresponding to said **claims** to identify said **claim** dependencies.

7. The method of claim 5, wherein step (2) comprises the step of: generating...

...The system of claim 17, wherein said dependency identifying means comprises:
means for parsing and **analyzing** **text** in said user-selected **patent** corresponding to said **claims** to identify said **claim** dependencies.

19. The system of claim 17, wherein said tree constructing means comprises:
means for...28, wherein said dependency identifying means comprises:
means for enabling the computer to parse and **analyze** **text** in said user-selected **patent** corresponding to said **claims** to identify said **claim** dependencies.
30. The computer program product of claim 28, wherein said tree constructing means comprises...

38/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01396357
System, method and computer program for patent **and technology related information management and processing**
System, Verfahren und Rechnerprogramm zum Verwalten und Bearbeiten von Patent **- und technologiebezogenen Informationen**
Systeme, procede et programme d'ordinateur pour la gestion et le traitement d'informations liees aux brevets et a la technologie
PATENT ASSIGNEE:
Ernst, Holger, Dr., (3099300), Moltkestrasse 1, 56068 Koblenz, (DE), (Applicant designated States: all)
Teichert, Thorsten, Dr., (3099310), Haeselerstrasse 17 b, 14050 Berlin, (DE), (Applicant designated States: all)
INVENTOR:
Ernst, Holger, Dr., Moltkestrasse 1, 56068 Koblenz, (DE)
Teichert, Thorsten, Dr., Haeselerstrasse 17 b, 14050 Berlin, (DE)
LEGAL REPRESENTATIVE:
Richardt, Markus Albert (74384), Quermann & Richardt Unter den Eichen 726 , 65195 Wiesbaden, (DE)
PATENT (CC, No, Kind, Date): EP 1182578 A1 020227 (Basic)
APPLICATION (CC, No, Date): EP 2000118457 000825;
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/30
ABSTRACT WORD COUNT: 107
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200209	1084

SPEC A	(English)	200209	5931
Total word count - document A			7015
Total word count - document B			0
Total word count - documents A + B			7015

System, method and computer program for patent and technology related information management and processing
System, Verfahren und Rechnerprogramm zum Verwalten und Bearbeiten von Patent - und technologiebezogenen Informationen

...SPECIFICATION term-based analysis and conceptual-representation analysis is known. This system can be used for **analyzing patent** texts, such as **patent claims** , abstracts and other portions of a patent document.
From US-A-6038561 an interactive system...

...analysis and conceptual-representation analysis is known. Particulars of the invention can be used for **analyzing patent** texts, such as **patent claims** , abstracts and other portions of a patent documents.
From EP-A-0 940 762 a...or not (data D3))) as such may not be very significant in terms of competitive **analysis** as the typical quota of **patent** grants of the number of patent applications varies from patent office to patent office and between different fields of technologies. To establish a more objective quality **measurement value** and thereby reducing insignificant variance of data, the logical **value** of D3)) of the patent document k being processed is divided by a reference **value** R0)) such that
R0)) can be chosen to be the average grant quota of the...

38/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

01068801
Multilingual patent **information search system**
Suchsystem fur mehrsprachige Patentinformation
Systeme de recherche d'information brevet multilingue
PATENT ASSIGNEE:
ITI Inc., (2405921), 6-25, Hikari-machi 2chome, Higashi-ku, Hiroshima-shi, Hiroshima-ken, (JP), (Applicant designated States: all)
INVENTOR:
Nosohara, Makifumi, c/o ITI inc., 6-25, Hikari-machi 2-chome, Higashi-ku, Hiroshima-shi, Hiroshima-ken, (JP)
LEGAL REPRESENTATIVE:
Skuhra, Udo, Dipl.-Ing. (11161), Reinhard-Skuhra-Weise & Partner Patentanwalte Postfach 44 01 51, 80750 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 940762 A2 990908 (Basic)
APPLICATION (CC, No, Date): EP 99102878 990303;
PRIORITY (CC, No, Date): JP 9850659 980303
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-017/30; G06F-017/28
ABSTRACT WORD COUNT: 89
NOTE:
Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9936	1824
SPEC A	(English)	9936	9312
Total word count - document A			11136

Total word count - document B 0
Total word count - documents A + B 11136

Multilingual patent **information search system**
Suchsystem fur mehrsprachige Patentinformation

...SPECIFICATION stores at least information associated with English abstracts, free keywords, F-term codes, and International **Patents Classification** , which correspond to official gazettes of patents, utility models, designs, and trademarks.
According to claim...

...CLAIMS a patent classification code of the database.
7. The system according to any one of **claims** 1 to 6, characterized in that the patent information database stores at least information associated with English abstracts, free keywords, F-term codes, and International **Patents Classification** , which correspond to official gazettes of patents, utility models, designs, and trademarks.
8. The system...

38/3,K/4 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00860471
ONLINE PATENT **AND LICENSE EXCHANGE**
ECHANGE DE BREVETS OU DE DROITS D'UTILISATION EN LIGNE
Patent Applicant/Assignee:
THE PATENT AND LICENSE EXCHANGE INC, 245 South Los Robles Avenue, 5th Floor, Pasadena, CA 91101, US, US (Residence), US (Nationality)
Inventor(s):
KOSSOVSKY Nir, 460 California Terrace, Pasadena, CA 91105, US,
BRANDEGEE Bear, 460 California Terrace, Pasadena, CA 91105, US,
ARROW Alexander K, 171 Church Lane, #14, Los Angeles, CA 90049, US,
Legal Representative:
SAXON Roberta P (et al) (agent), Skjerven Morrill MacPherson LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200193154 A2 20011206 (WO 0193154)
Application: WO 2001US16102 20010517 (PCT/WO US0116102)
Priority Application: US 2000580005 20000526; US 2000665187 20000916
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 11428

ONLINE PATENT **AND LICENSE EXCHANGE**
Fulltext Availability:
Detailed Description

Detailed Description
... enforcement of IP rights on the one hand and the intricacies of evaluating the potential **values** of the emerging techriologies sought to be protected by the IP rights on the other. Patent rights, for example,

require formal application and **evaluation** proceedings (**patent** prosecution) in the United States patent and Trademark Office that may last for several years...

...of 20 years from the fifing date of the patent application. Thus, the effective patent **term** may, be significantly shorter than the 20 year **term** set by the statute.

Furthermore, inventors are often not interested or not able to exploit...

38/3,K/5 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00839974 **Image available**
PATENT -RELATED TOOLS AND METHODOLOGY FOR USE IN THE LICENSING PROCESS, GENERAL MANAGEMENT OF A BUSINESS AND IN THE MERGER AND ACQUISITION PROCESS
OUTILS AFFERENTS AUX BREVETS ET METHODOLOGIE D'UTILISATION DANS LE PROCESSUS D'OCTROI DE LICENCE, LA GESTION GENERALE D'UNE ENTREPRISE ET DANS LE PROCESSUS DE FUSION ET D'ACQUISITION
Patent Applicant/Assignee:
AURIGIN SYSTEMS INC, 10710 North Tantau Avenue, Cupertino, CA 95014-0717, US, US (Residence), US (Nationality)
Patent Applicant/Inventor:
GERMERAAD Paul B, 14606 Horseshoe Drive, Saratoga, CA 95070, US, US (Residence), US (Nationality)
HOHMANN Luke, 306 Windmill Park Lane, Mountain View, CA 94043, US, US (Residence), US (Nationality)
RAPPAPORT Irving S, 1500 Edgewood Drive, Palo Alto, CA 94303, US, US (Residence), US (Nationality)
RIVETTE Kevin G, 2165 Waverly Street, Palo Alto, CA 94303, US, US (Residence), US (Nationality)
HEATON Sheryl Ann, 2509 Buena Vista Avenue, Belmont, CA 94002, US, US (Residence), US (Nationality)
Legal Representative:
LEE Michael Q (et al) (agent), Sterne, Kessler, Goldstein, & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200173657 A1 20011004 (WO 0173657)
Application: WO 2001US9584 20010326 (PCT/WO US0109584)
Priority Application: US 2000191904 20000324; US 2000191847 20000324; US 2000560889 20000428; US 2000564828 20000504; US 2000565126 20000504; US 2001790897 20010223
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 43118
PATENT -RELATED TOOLS AND METHODOLOGY FOR USE IN THE LICENSING PROCESS, GENERAL MANAGEMENT OF A BUSINESS...
Fulltext Availability:
Detailed Description

Detailed Description

... the licensing process according to an embodiment of the present invention; FIG. 21 illustrates the **patent count** facilitating the assertion **analysis** stage of the licensing process according to an embodiment of the present invention;
1 0...

...22 is a flowchart depicting how the IPAM server works in conjunction with the patent **count** to aid in the assertion analysis stage according
to an embodiment of the present invention;
FIG. 23 illustrates the patent **count** per year facilitating the litigation stage of the licensing process according to an embodiment of the present invention; 1 5 FIG. 24 illustrates the application **count** facilitating the assertion analysis
stage of the licensing process according to an embodiment of the...

...25 is a flowchart depicting how the IPAM server works in conjunction with the application **count** to aid in the assertion analysis stage
according to an embodiment of the present invention;
FIG. 26 illustrates the application **count** per year facilitating the negotiation stage of the licensing process according to an embodiment of ...

...review stage
according to an embodiment of the present invention;
FIG. 3 3 illustrates the **patent** citation tree facilitating the assertion **analysis**
stage of the licensing process according to an embodiment of the present
5 invention;
FIG...

...process according to an embodiment of the present invention; FIG. 3 6 illustrates the nested **patent** citation tree facilitating the assertion **analysis** stage of the licensing process according to an embodiment of the present
invention;
FIG. 37...

...stage according to an embodiment of the present invention;
FIG. 3 8 illustrates the nested **patent** citation tree facilitating the negotiation **analysis** stage of the licensing process according to an embodiment
of the present invention;
FIG. 39...shots of the IPAM server's user
interface relating to the boolean and/or natural **language** search according to an
embodiment of the present invention;
FIGs. 60-63 are exemplary screen...

...of the IPAM
server to assist the user company in searches relating to U.S. **Patent Classifications** according to an embodiment of the present invention;
FIG. 91 illustrates a flowchart relating to...evaluate/analyze stages according to an embodiment of the present invention;
FIG. 158 illustrates the **patent** citation tree facilitating the **evaluate / analyze** , due diligence and negotiation stages according to an
embodiment of the present invention;
FIG. 159...

...the negotiation
stage according to an embodiment of the present invention;

FIG. 161 illustrates the **patent** citation tree facilitating the **evaluate / analyze** , due diligence and negotiation stages according to an
embodiment of the present invention;
FIG. 162...

...negotiation stages according to an embodiment of the present invention;
FIG. 165 illustrates the citation **count** report facilitating the evaluate/analyze and due diligence stages according to an embodiment of the...

...166 is a flowchart depicting how the IPAM server works in conjunction with the citation **count** report to aid in the evaluate/analyze and due
diligence stages according to an embodiment...

...report produced by the IPAM
server to assist the user company in searches relating to **patent** velocity in U.S.
Patent Classifications according to an embodiment of the present invention;
FIG. 171 illustrates the citation frequency report...

...diligence stages according to an embodiment of the
present invention;
FIG. 174 illustrates the patent **count** /year facilitating the evaluate/analyze, due diligence and negotiation stages according to an embodiment of...

...175 is a flowchart depicting how the IPAM server works in conjunction with the patent **count** /year to aid in the evaluate/analyze, due diligence and negotiation stages according to an embodiment of the present
0 invention;
FIG. 176 illustrates the patent **count** /year facilitating the evaluate/analyze and the due diligence stages according to an embodiment ofthe present invention; FIG. 177 illustrates the patent **count** /year facilitating the evaluate/analyze, due diligence and negotiation stages according to an embodiment of the present
5 invention;
FIG. 178 illustrates the patent application **count** /year facilitating the due diligence and negotiation stages according to an embodiment of the present...

...is a flowchart depicting how the IPAM server works in conjunction with the patent application **count** /year to aid in the due diligence and
negotiation stages according to an embodiment of...

...to an embodiment of the present invention;
I 0 FIG. 187 illustrates, the assignee patent **count** report by primary class/subclass facilitating the evaluate/analyze and negotiation stages according
to an...

...is a flowchart depicting how the IPAM server works in conjunction with the assignee patent **count** report by primary class/subclass to aid 1 5 in the evaluate/analyze and negotiation stages according to an embodiment of the
present invention;
FIG. 189 illustrates the assignee patent **count** report by primary class/subclass facilitating the evaluate/analyze and negotiation stages

according
to an embodiment of the present invention;
FIG. 190 illustrates the assignee patent **count** report by primary class/subclass facilitating the evaluate/analyze stage according to an embodiment
of the present invention;
FIG. 191 illustrates the patent **count** graph by number of patents facilitating the evaluate/analyze stage according to an embodiment of conjunction with the patent **count** graph by number of patents to aid in the evaluate/analyze stage according to an...

...stages according to an embodiment of the present invention;
FIG. 202 illustrates the inventor patent **count** /assignee facilitating the
evaluate/analyze, due diligence and negotiation stages according to an embodiment of...

...flowchart depicting how the IPAM server works in
3 0 conjunction with the inventor patent **count** /assignee to aid in the evaluate/analyze, due diligence and negotiation stages according to an embodiment of the present
invention;
FIG. 204 illustrates the inventor patent **count** /assignee facilitating the
evaluate/analyze, due diligence and negotiation stages according to an embodiment of the present invention;
FIG. 205 illustrates the inventor patent **count** graph facilitating the due diligence and negotiation stages according to an embodiment of the present...

...flowchart depicting how the 1PAM server works in
I 0 conjunction with the inventor patent **count** graph to aid in the due diligence and
negotiation stages according to an embodiment of...

38/3,K/6 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2002 WIPO/Univentio. All rts. reserv.

00760525 **Image available**
METHOD AND APPARATUS FOR ESTABLISHING AND ENHANCING THE CREDITWORTHINESS OF INTELLECTUAL PROPERTY
PROCEDE ET APPAREIL PERMETTANT D'ETABLIR ET DE RENFORCER LA SOLVABILITE PAR LA PROPRIETE INTELLECTUELLE
Patent Applicant/Assignee:
MOSAIC TECHNOLOGIES INC, 414 East Market Street, Suite B, Charlottesville, VA 22902, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
MARTIN David E, 125 Mill Creek Drive, Charlottesville, VA 22902, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
ROSDEN Peter E, 1505 London Road, Charlottesville, VA 22901-8881, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200073945 A1 20001207 (WO 0073945)
Application: WO 2000US8140 20000327 (PCT/WO US0008140)
Priority Application: US 99324871 19990602
Designated States: AE AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 12455

METHOD AND APPARATUS FOR ESTABLISHING AND ENHANCING THE CREDITWORTHINESS OF INTELLECTUAL PROPERTY
Fulltext Availability:
Claims

Claim
... has utility in at least one market sector comprising the steps of-.
assigning a transferability **score** to the asset;
determining a viability **score** for the asset;
calculating an asset liquidation **value** for the asset; and
providing a surety agreement and depreciation schedule to the lending institution...

...for a payment to the lending 1 5 institution in an amount corresponding to a **value** shown in the depreciation schedule reflecting said asset liquidation **value** adjusted downward for the length of time which has passed since initiation of the loan. 2) The method of **claim** I wherein the assigning step further comprises the steps of assembling biographic, organizational, financial and...

...to determine whether the
degree to which it is transferable; and
30
) The method of **claim** I wherein the determining step further comprises the steps of
finding the primary market sector...

...the degree of litigation risk associated with the market sector by giving a litigation risk **score** associated with the market sector to the intangible asset; rejecting the asset evaluation application if...

...asset within the additional market
sector, if one exists;
1 5 assigning a transplant survival **score** to the asset if there are no additional market sectors for consideration or if the...

...any market sector other than the primary market sector; and finding the sum of the **weighted** average of said life cycle, litigation risk **score** and transplant survival **score** to yield the viability **score** . 4) The method of **claim** I wherein the calculating step for the intangible asset further
comprises the steps of
3...

...an orthogonal confidence factor (OCF);
choosing a profit factor (k); and
calculating the asset liquidation **value** pursuant to the following formula:
asset liquidation **value** = PVP * DLS * SPI * OCF * k
5) The method of **claim** 4 wherein the predicate **value** prediction is established by
researching comparable industries and market sectors to find and record comparable **values** which have been offered for or expended on intangible

assets comparable to the intangible asset(s) sought to be used as collateral for the loan where such comparable **values** are based, where known, on the cash **value** of predicate transactions and, otherwise, calculating estimates based on the use of sector specific standard licensing and royalty terms and annual
1 5 predicate product sales;
finding the mean **value** of all such comparable **values** ;
figuring the coefficient of variation for said mean **value** ; and
multiplying the mean **value** times the coefficient of variation to establish the predicate **value** prediction. 6) The method of **claim** 4 wherein the depreciation linearity slope is established by
determining the life of the intangible asset;
formulating a competition **score** ;
ascertaining the product development period;
32
applying dynamic depreciation discriminant analysis with continuous relevance adjustment to said intangible asset life, competition **score** , product development period and customer profile **score** figures. 7) The method of **claim** 4 wherein, prior to calculating the asset liquidation **value** , the depreciation linearity slope is adjusted by treating the viability **score** as a percentage and multiplying the viability **score** times the depreciation linearity slope to deten-nine a final depreciation linearity slope.
I 0
8) The method of **claim** 4 wherein the sector proliferative index for each market sector is
established by
examining the...

...sector traits;
1 5 reviewing the inter-company environment within the sector; and
assigning a **value** between . 0 1 and I to the sector proliferative index for that sector based on...

...nent, sector traits and inter-company envirom-nent within that sector.
9) The method of **claim** 4 wherein the orthogonal confidence factor is established by determining, in addition to the primary...onIVA UV3W 3qj
OUTPUU
0t,180/00SWIDd St,6EL/00 OM
calculated based on multiple **scoring** ftnictions performed by the system in the event the loan
applicant defaults on the loan...

...the system in the past;
expert system CPU means for applying heuristic rules to solve **scoring** , indexing and valuation problems and for performing data management and actuarial modeling of historical 1 5 and prospective events which may impact the asset liquidation **value** based in part on the
experiential data stored in said storage means;
scoring system CPU means for applying statistical models to build **scoring** ftmctions based on associated quantitative input attributes in order to objectively evaluate the
creditworthiness of...

...of the user with the results generated by said expert system CPU means and said **scoring** system CPU means
and for notifying the user of discrepancies and reasoning errors; and
supervisory...

...connected to each of said user CPU means, said expert
35
system CPU means, said **scoring** system CPU means, said critiquing CPU means and said storage means for coordinating, organizing and relaying

communications between said user CPU means, said expert system CPU means, said **scoring** system CPU means, said critiquing CPU means and said storage means.
36
FIG, 1 Validate
biographic, legal
and financial data
I 0
Assi
transferanblilty
score
Assign viability
score
20
Determine
predicate **value**
prediction
25
Determine
depreciation
score
30
Determine sector
proliferative Index
5
Determine
orthogonal
confidenceindex
0
Calculate and
communicate
liquidation **value**
1/6
SUBSTITUTE SHEET (RULE 26)
FIG, 2
Critiquing system Expert system CPU
CPU
45 0
Supervisory CPU
n n
storage **Scoring** system
CPU
User CPU 175
55
50)
Printer
2 /6
SUBSTITUTE SHEET (RULE 26)
FIG...
...rg owne No relevant
applicant? restrictions?
Yes 450 Yes
430 V
Detemine
Assign transfer proper
score ransferablilty
score
AL
4/6
SUBSTITUTE SHEET (RULE 26)
FIG, 5 500
Determine
primary sector

Determine life...

...oes cyc e r
rimary sector7 No ctor m t h I a
Yes
y
Score
degree of
match Q@D
Yes 560
550
g egree o Yes
No litigation risk?
No
N
Score 0
degree 0
590 itigation r
Assign No ere addit onal Yes
transplant sectors?
survival **score**
so
600
gn v a lity
score
5 /6
SUBSTITUTE SHEET (RULE 26)
FIG, 6
610
645
Calculate predicate **value**
prediction Examine growth
environment
620
650
Determine life
ofasset
625 Evaluate sector traits
Assign
competition 655
score @T
Review
630 Inter-company
environment In
Determine
product sector
development 660 665
period
635
Calculate sector 10 Determine orthogonal
Determine proliferative Index confidence factor
customer
profile **score**
640
Calculate depreciation Calculate asset liquiation **value**
score and transmit finding
6 /6
SUBSTITUTE SHEET (RULE 26)
INTERNATIONAL SEARCH REPORT International application No...

...7) :GO6F 17/30
US CL :705/7, 10, 35, 37, 39
According to International **Patent** **Classification** (lPC) or to both

national classification and IPC
B. FIELDS SEARCHED
Minimum documentation searched (classification...

...RELEVANT
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to **claim** No.
Y@ E US 610789901 A (CIENG) 20 June 2000 (20 00), AR. 1-16...be considered to involve an inventive step
-L' document which may throw doubts on priority **claim** (s) or which is when the document is taken alone cited to establish the publication...
...RELEVANT
Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to **claim** No.
Y US 419757840 A (DETORE et al.) 04 December 1990 (04 90), 1-16...

38/3,K/7 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00747104 **Image available**
PATENT **-RELATED TOOLS AND METHODOLOGY FOR USE IN RESEARCH AND DEVELOPMENT PROJECTS**
OUTILS LIES AUX BREVETS ET METHODOLOGIES VISANT A FACILITER LES APPLICATIONS DE RECHERCHE ET DEVELOPPEMENT
Patent Applicant/Assignee:
AURIGIN SYSTEMS INC, 1975 Landings Drive, Mountain View, CA 94043-0801, US, US (Residence), US (Nationality)
Inventor(s):
GERMERAAD Paul B, 14606 Horseshoe Drive, Saratoga, CA 95070, US,
HOHMANN Luke, 306 Windmill Park Lane, Mountain View, CA 94043, US,
RAPPAPORT Irving S, 1500 Edgewood Drive, Palo Alto, CA 94303, US,
RIVETTE Kevin G, 2165 Waverly Street, Palo Alto, CA 94303, US,
Patent Applicant/Inventor:
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RAPPAPORT Irving S, 306 Windmill Park Lane, Mountain View, CA 94043, US, US (Residence), US (Nationality)
RIVETTE Kevin G, 1500 Edgewood Drive, Palo Alto, CA 94303, US, US (Residence), US (Nationality)
Legal Representative:
LEE Michael Q (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200060495 A2-A3 20001012 (WO 0060495)
Application: WO 2000US9382 20000410 (PCT/WO US0009382)
Priority Application: US 99128408 19990408; US 2000545564 20000407
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 24881

PATENT **-RELATED TOOLS AND METHODOLOGY FOR USE IN RESEARCH AND DEVELOPMENT PROJECTS**
Fulltext Availability:

Search Report from Ginger D. Roberts

Claims

Claim
... s
.....I.....I.....
.....
..... 1.
IC classification 'Which market segments can use the
[product/ services
.....:...
....
....
'Patent **count** / year ':How fast is product use techn@f@6
2- J@ y
changing
FP@Wiei@i i / @WEi@r fast is project technology
:changing
.....)..
.....
....
!Application **count** / year ::Which other companies are active in
2
tproject area
.....
Jechnical assessment of serious
Technology...

...Competencies and Future Directions
F@&- @
Tool #2
A Table of Assignees
Assignee - U.S. Patent **Count** Report for Microwave Food Heating - US
Patents
Assignee Document **Count**
Matsushita Electric Industrial Co., Ltd. el
Raytheon Company 77
General Electric Company 59
48
Created...

...by assignee/company
FIGn 10
Tool #3
A Table of Inventors
Inventor - U.S. Patent **Count** Renort for Microwave Food Heatina - US
Patents
InventorName Document **Count**
Levinson, Melvin L. 21
Hodson, Simon K. 20
20
9
Created By: Boolean 118
1...FIGw 12
Tool #1 I
A Table of Inventors by Assignee
Inventor - U.S. Patent **Count** by Assignee for Microwave Food Heating -
US
Patents
InventorName Assignee Document **Count**
Levinson, Melvin L.
20
Created By: Boolean General Housewares Corporation -211
and Natural Language E...

...company
FIGn 14
Tool #22
A Table of Inventors by Assignee
Inventor - U.S. Patent **Count** by Assignee for Microwave Food Heating - US
Patents
InventorName Assignee Document **Count**
Levinson, Klielvin L.
20
eral Housewares corporation 1
reated By: Boolean 21
and Natural Language...

...Similar Technologies
84
4 178
327
Created by: A Search listing 73 200 235
40
Patent Classifications 33 74 84 1
Group: All US Patents 345
395 Chart Identifies tec
that possibly...
...presentation
FIG. 21
Tool #13
A Chart of Similar Technologies
Created By: Search Listing of **Patent Classifications**
Group: All US and Europe Patents and European Applications
434 340
45
395
hart Identifies...

...FM 66
Tool #24
A Chart of Similar Technologies
Created by: A Search 84
listing **Patent** D14 D18 178 327
Classifications D21 180 235
D13 40 73 200 318 331
Group: All US and 33 74...

...3 5
Map of similar technologies
Created by: A Search listing 4 Chart Identifies Techni,
Patent Classifications D18
Group: All Patents and D21 40 T: That Produce Similar F
Applications Narrowed to...

...44
A chart of similar technologies
Created By: Search Listing 4 Chart Identifies Technical
of **Patent Classifications** D18
Group: Patents and D21 **Patent** Office and Compet
Applications Narrowed to Search for Prior Art.
Reflect Developing Product
395
386...a search on
an idea/subject
Sort the patents j,,% the 2704

resulting group by **patent classification**
Map each **patent classification** 2706 to its related
SIC classification
2708
Create a graphical
presentation
FIGn 27
Tool #25
A...

...resulting group by year
I
FIGn 31
Tool #15
Recent Patent Activity Chart
Assignee - Patent **Count** by Year Graph for Microwave Heating of Food
After 1992
reated by: Patent **Count**
by Assignee by Year
Group: All Patents Docur
3
26
Will
Chart Shows Intensity oi...

...j
resulting subgroup by year
FIG= 33
Tool #26
Recent Patent Activity Chart
Assignee - Patent **Count** by Year Graph for After 1997
reated by: Patent **Count** y
Assignee for Last Two Years
Group: All Patents ment C,
36
31
21
16...

...Partners and Co
to Investigate Further
F
Tool #37
Recent Patent Activity Chart
Assignee - Patent **Count** by Year Graph for AFter 1998
tog
Created by: Patent **Count**
by Assignee For Last Year
Group: All Patents Document Cour
36
31
2S
1 6...

...out For Ongoing Activity
FM 64 3s
Tool #45
Recent Patent Activity Chart
Assignee - Patent **Count** by Year Graph for AFter 1998
Created by: Patent **Count**
by Assignee by Year

Group: All Patents Document Cc
36
31
Chart Shows Intensity of...

...Patent Activity
F-3c Cot 37
Tool # 16
Recent Patent Application Chart
Assignee - Patent Application **Count** by Year Graph for Microwave Heating of Food Applications aftei F-
Created by: Application **Count**
by Assignee For Last Four Years
Group: All European Applications
ment Cou
21
1 7...

...resulting subgroup by year
FIGN 31
Tool #27
Recent Patent Application Chart
Assignee - Patent Application **Count** by Year Graph for 1997
F-
Created by: Application **Count** 0
by Assignee For Last Two Years q/v
Group: All European Applications
Document C...

...Watch
C.T@ co 4 O
Tool #38
Recent Patent Application Chart
Assignee - Patent Application **Count** by Year Graph for 1998
F
Created by: Application **Count**
by Assignee For Last Year 0
Group: All European Applications
Document C
2i
17
13...

...to Watch
f:J1. (, - I I
Tool #46
Recent Patent Application Chart
Assignee - Patent Application **Count** by Year Graph for 1998
Created by: Application **Count**
by Assignee For Last Year
Group: All European Applications
ument Cc
21
1 7
13 to Watch
FX6A Z
Tool #6
Chart Narrowing Areas to Explore
Created by: **Patent Classification**
by Assignee
Group: All US Patents
hart Focuses on What
xplored by Which Corr

ATe...

...search on
an idea/subject
IF
Sort the patents .in 4404
the resulting group by **patent**
classification
Sort the patents in each 4406
resulting subgroup by rN@./
assignee/company
FIGn 44
Tool #17
A Chart of Other Company's Work Related to the F
Created by: **Patent**
Classification by Assignee art Assesses Serious Competitc
Group: All US and Partners in a New Technology...

...Track D
F@T r, +@
Tool #28
A Chart Narrowing Areas to Explore
Created By: **Patent** hart Assessing Feas@
Classification By erious Competition an(
Assignee Partners For Project
Group: All US and
European Patents an...

...6t 4@
Tool #39
A Chart Showing Areas to Lock-Up or Lock-(
Created By: **Patent** Chart Helps Proj(
Classification by Assignee Development Clc
Group: All Patents and Competition and
Applications Narrowed to Research Needed...

...C
@E rot 4 7
Tool #47
A Chart Narrowing Areas to Explore
eated by: **Patent** C art Shows How to
Classification by Assignee **Patent** Prosecution A
Group: Patents and Serious Competition
Applications Narrowed to Blocking Applicatio,
Reflect Developing Also...

38/3,K/8 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00742420 **Image available**
ONLINE PATENT AND LICENSE EXCHANGE
BOURSE EN LIGNE DE BREVETS D'INVENTION ET DE LICENCES
Patent Applicant/Assignee:
THE PATENT AND LICENSE EXCHANGE INC, Suite 300, 225 South Lake Avenue, Pasadena, CA 91101, US, US (Residence), US (Nationality)
Inventor(s):
KOSSOVSKY Nir, 460 California Terrace, Pasadena, CA 91101, US
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ARROW Alexander K, 171 Church Lane, #14, Los Angeles, CA 90049, US
JOHNSON Robert M, 808 Montrose Avenue, South Pasadena, CA 91030, US
Legal Representative:

MORINO Fabio E, Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200055791 A2 20000921 (WO 0055791)
Application: WO 2000US6846 20000315 (PCT/WO US0006846)
Priority Application: US 99124847 19990317; US 99371614 19990810
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16598

ONLINE PATENT **AND LICENSE EXCHANGE**
Fulltext Availability:
Detailed Description

Detailed Description
... enforcement of IP rights
on the one hand and the intricacies of evaluating the potential **values** of the emerging technologies sought to be protected by the IP rights on the other. Patent rights, for example, require formal application and **evaluation** proceedings (**patent** prosecution) in the United States patent and Trademark Office that may last for several years...
...monopoly in the patented invention
starting on the date the patent is granted for a **term** of 20 years from the filing date of the patent application. Thus, the effective patent **term** may be
-I
significantly shorter than the 20 year **term** set by the statute.

Furthermore, inventors are often not interested or not able to exploit...

38/3,K/9 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00739252 **Image available**
INTELLECTUAL PROPERTY **ASSET MANAGER (IPAM) FOR CONTEXT PROCESSING OF DATA OBJECTS**
GESTIONNAIRE D'ACTIF DE PROPRIETE INTELLECTUELLE POUR LE TRAITEMENT CONTEXTUEL D'OBJETS DE DONNEES
Patent Applicant/Assignee:
AURIGIN SYSTEMS INC, 10710 North Tantau Avenue, Cupertino, CA 95014-0717, US, US (Residence), US (Nationality)
Inventor(s):
RIVETTE Kevin G, 2165 Waverley Street, Palo Alto, CA 94303, US,
RAPPAPORT Irving S, 1500 Edgewood Drive, Palo Alto, CA 94303, US,
HOHMANN Luke, 306 Windmill Park Lane, Mountain View, CA 94043, US,
PUGLIA David, 17429 East Vineland Avenue, Los Gatos, CA 95030, US,
DEWOLFE Andrew S, 242 Acalanes Drive #11, Sunnyvale, CA 94086, US,
GORETSKY David, 272 Waverly Street, Sunnyvale, CA 94086, US,
JACKSON Adam, 1063 Morse Avenue #7-107, Sunnyvale, CA 94089, US,

KUROWSKI Scott, 1038 Corvette Drive, San Jose, CA 95129, US,
PARK Brian, 2636 Ponce Avenue, Belmont, CA 94002, US,
RABB Charles Jr, 730 East Evelyn #638, Sunnyvale, CA 94086, US,
ROSENQUIST Brent, 1668 Kennard Way, Sunnyvale, CA 94087, US,
SCHNITZ Matthew, 2558 Mardell Way, Mountain View, CA 94043, US,
SMITH David W, 3 Morning Sun Court, Mountain View, CA 94043, US,
PARADAN Thierry, 1058 Paintbrush Drive, Sunnyvale, CA 94086, US,
BASHSHUR Noura, 306 Windmill Park Lane, Mountain View, CA 94043, US,
Legal Representative:
LEE Michael Q (et al) (agent), Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200052618 A2-A3 20000908 (WO 0052618)
Application: WO 2000US5080 20000229 (PCT/WO US0005080)
Priority Application: US 99260079 19990302
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 39714
INTELLECTUAL PROPERTY **ASSET MANAGER (IPAM) FOR CONTEXT PROCESSING OF DATA OBJECTS**
Fulltext Availability:
Detailed Description

Detailed Description
... bibliographic information of the patent, including but not limited to the patent number, inventors, assignee, **claim** language (or excerpt), specification (or excerpt), drawing information such as an image of a figure, **class** /subclass,
L
tn t)
patent examiner, law firm, etc. The label that is displayed is user selectable.

Both patents and...

...excerpt), drawing information such as an image of a figure,
speci I I I In
class /subclass, **patent** examiner, law firm, etc.

38/3,K/10 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00548202 **Image available**
SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR MANAGING AND ANALYZING INTELLECTUAL PROPERTY (IP) RELATED TRANSACTIONS
SYSTEME, PROCEDE ET PROGRAMME INFORMATIQUES SERVANT A GERER ET A ANALYSER DES TRANSACTIONS RELATIVES A LA PROPRIETE INTELLECTUELLE
Patent Applicant/Assignee:
AURIGIN SYSTEMS INC,
Inventor(s):
RIVETTE Kevin G,
RAPPAPORT Irving S,
HOHMANN Luke,

PUGLIA David,
GORETSKY David,
JACKSON Adam,
RABB Charles Jr,
SMITH David W,
PARK Brian,
THORNTHWAITE Warren,
NAVARRETE Jorge A,
MULLER Robert J,
ALCABES Harvey,
BRANNON Donald,
SCHNITZ Matthew,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200011575 A1 20000302 (WO 0011575)
Application: WO 99US19050 19990823 (PCT/WO US9919050)
Priority Application: US 98138368 19980821
Designated States: AU CA JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 54508

SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR MANAGING AND ANALYZING INTELLECTUAL PROPERTY (IP) RELATED TRANSACTIONS

Fulltext Availability:
Claims

Claim
... EP asset, and (b) said at least one license agreement.

45 The computerprogram product of **claim** 44, wherein said control logic further
comprises:
means for enabling a computer to enable a...

...class up
gro
Name (IEO) class-subgroup
City (lEI) document-id (FK)
Zip (IE8)
earch **class**
Type (IE7)
Description (IE3) **PATENT CLASS** TYPE
patent class type id
description
defines th a type of
PATENT CLASS XREF
document id (FK)
subclass id (IE2)
suffix-id TIEI)
patent - Class -id (FK)
patent -clasq
type-id (FK)
original
RelatedApp I
GrammarCode (IE3) i
AppNo (IE2)
AppDate (IEI)
document...

...ies
Leg AlepAttor
FirstName (IE1
LastName (IE2

document id
R/38
lo 193
03
PAI
patent class id
clescripti
STATE
state-id
state-name
PatentRef
RefPatentNo (IE6)
document id (FK) -1
IssueDate...z @A%*:
.....
.....
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PCTIUS99/19050 Enter Ucense Agreement @-be 7, @7
kages
us
EnterCompens on **Term**
6
Agreem
Data Entry Clerk Libensing
Database
Link to
arty
Link to Party -@ q ?@
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ink to Asset Package
Actor Ucensing Database
Modify Ucense Agreement
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@76o2
Enter Compensation **Term**
Enter cans;
Data Entry Cleek T;
us Enter Compensation **Term**
Licensing Database
Modify License Agreement
License Administrator
"7 -7 0 'A
Create E)pectod Revenueoe...

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PCT/US99/19050
-7
ModifyCompensation **Term** D@be f(A@C @S#2@
Modify reemen
License Administrator
Modify Compensati Jerm
Licensing Database

170 'A
12
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Remove Compensation **Term** @@ (CAt
c Agreement I 70
Ucense Administrator
Remove Compensation **Term**
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Phzet Inc. Key patent technolc!
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License Administrator
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Licensing Database
Link to Asset Packages
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001,101/199 ... $100.00 $0.
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PCTfUS99/19050 ....
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Reyenue
1998 $2000...6) G06F 17/30, 17/60
US CL 707/104; 705/35
According to International **Patent** **Classification** (IPC) or to both
national classification and IPC
B. FIELDS SEARCHED
Minimum documentation searched (classification...

...name of data base and, where practicable, search terms used)
EAST, WEST, DIALOG
search terms: **intellectual property** management, royalty, license, **analysis** , database management
C. DOCUMENTS CONSIDERED TO BE RELEVANT
Catcgory* Citation of document, with indication, where appropriate, of the relevant passages Relevant to **claim** No.
AqP US 5,892,900 A (GINTER et al) 06 April 1999 1-45...print to the internabonal filing date but later than I&, document member of the some **point** family
the data claimed
)ato of the actual completion of the international search Date of...

38/3,K/11 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00535571
APPLICATION FOR UTILITY PATENT FOR IMPROVED ENRICHED PLATELET WOUND HEALANT
CICATRISANT POUR BLESSURES AMELIORE A L'AIDE DE PLAQUETTES ENRICHIES
Patent Applicant/Assignee:
WORDEN Charles E,
Inventor(s):
WORDEN Charles E,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9966923 A1 19991229
Application: WO 99US13958 19990621 (PCT/WO US9913958)
Priority Application: US 9890167 19980622; US 9897897 19980826; WO 99US2981 19990213
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 7035

APPLICATION FOR UTILITY PATENT FOR IMPROVED ENRICHED PLATELET WOUND HEALANT
Fulltext Availability:
Detailed Description

Detailed Description
... be taken to include the disjunctive "or, and vice versa, whenever necessary to give the **claims** of this **patent** application the **broadest interpretation** and construction possible. Likewise, when the plural form is used it may be taken to...

38/3,K/12 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00465480 **Image available**
SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PATENT -CENTRIC AND GROUP-ORIENTED DATA PROCESSING, INCLUDING USING HYPERBOLIC TREES TO VISUALIZE DATA
SYSTEME, PROCEDE, ET PROGRAMMES INFORMATIQUES POUR LE TRAITEMENT DE DONNEES AXES SUR DES BREVETS D'INVENTION OU DES GROUPES, INCLUANT L'UTILISATION D'ARBORESCENCES HYPERBOLIQUES POUR VISUALISER DES DONNEES
Patent Applicant/Assignee:
SMARTPATENTS INC,

Inventor(s):
RIVETTE Kevin G,
RAPPAPORT Irving S,
HOHMANN Luke,
PUGLIA David,
GORETSKY David,
JACKSON Adam,
RABB Charles Jr,
SMITH David W,
PARK Brian,
THORNTHWAITE Warren,
NAVARRETE Jorge A,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9855945 A1 19981210
Application: WO 98US10923 19980602 (PCT/WO US9810923)
Priority Application: US 97867392 19970602; US 97921369 19970829
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 83313

SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PATENT -CENTRIC AND GROUP-ORIENTED DATA PROCESSING, INCLUDING USING HYPERBOLIC TREES TO VISUALIZE DATA

Fulltext Availability:
Detailed Description

Detailed Description
... owner or patent
licensees as others. Some owned or licensed patents provide little or no **value** to the corporate entity. These patents become a drain on corporate resources, both in obtaining difficult for corporations to assess the **value** of their patents because automated tools for patent analysis do not exist.

Yet, for all...

...S. Patent No. 5,623,681, incorporated by
reference herein.

The SmartPatent Workbench is a **patent analysis** tool. The SmartPatent Workbench is primarily designed to assist a user in working with a...a tree;
FIG. 180 represents an example parent/child table;
FIG. 181 illustrates a citation **analysis** graph corresponding to the **patent** /child table of FIG. 180;
FIG. 182 illustrates an example patent bibliographic information table;
FIG...

...corresponding to the citation analysis
graph of FIG. 18 11
FIG. 184 illustrates an example **claims** dependency graph-,
FIG. 185 illustrates an example **claims** dependency tree corresponding to the **claims** dependency graph of FIG. 184; and
FIG. 186 illustrates a web client in greater detail...prevents making a corporate entity group a child of a BOM group, since running an **analysis** report on all of
the subassemblies of the BOM group would yield questionable or undefined
...

...or parts.

The phrase "a patent maps to a product" means that the patent includes **claims** that appear to read on the product or process of making and/or using the product, and/or includes **claims** that are related to or relevant to the product or process of making and/or...searching by the search engine 424. For example, each field in each table of the **patent** bibliographic databases 604 is preferably **indexed** and searchable. Also, the documents (including the **text** files and possibly the image files) in the document databases 612 are preferably indexed and...
competitor's patents on a product line basis;
0 examining a competitor's patents via **patent** **term** **analysis** ;
0 examining a competitor's inventors;
0 identifying potential infringement of the company's patents...
...on a contemplated future product;
0 determining whether features of a contemplated future product are **covered** by competitors' patents;
a determining whether a present or future product should be modified in...the customer's human resources are being most effectively used;
0 determining whether licensed patents **cover** the company's products in order to decide whether to maintain or cancel the licenses...define the search in terms of patent number, title, inventor, assignee, class, user-defined key **words** , date of issue, abstract, and/or full patent **text** by entering search terms into the corresponding fields of the Patent Search screen 140. Also number, assignee, expiration date, number of years remaining in patent **term** , or **score** . The **score** corresponds to the number of hits of the search parameters in a patent. The operator...
?

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?show files;ds
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200218
         (c) 2002 Derwent Info Ltd
File 344:CHINESE PATENTS ABS APR 1985-2002/Feb
         (c) 2002 EUROPEAN PATENT OFFICE
File 347:JAPIO Oct/1976-2001/Nov(Updated 020305)
         (c) 2002 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.

Set     Items   Description
S1      38229   PATENT? OR INTELLECTUAL()PROPERTY
S2     552231   ANALYS? OR EVALUAT? OR INTERPRET? OR CLASS? OR INDEX?
S3      17329   ARTIFICIAL()INTELLIGENCE? OR AI OR NEURAL? OR EXPERT()SYST-
             EM?
S4    1330223   LANGUAGE OR WORD? OR TEXT? OR TERM? OR SENTENCE? OR PARAGR-
             APH?
S5     644075   CLAIM? ?
S6    1239996   BREADTH? OR SCOPE? OR BROAD? OR DEPTH? OR COVER?
S7    3588429   METRIC? OR MEASUR? OR WEIGHT? OR GRADE? OR GRADING? OR SCO-
             R? OR VALUE? OR POINT? OR COUNT?
S8     117095   PREAMBLE? OR SPEC OR SPECIFICATION? OR BACKGROUND? OR SUMM-
             ARY? OR ABSTRACT?
S9        277   EIGENVALUE? OR EIGEN()VALUE?
S10       140   S1(5N)S2
S11        32   S4 AND S10
S12        10   S5 AND S11
S13         5   S12 AND (S7:S9)
S14        18   S1(5N)ANALYZ?
S15         5   S4 AND S14
S16         3   S5 AND S15
S17        27   S1 AND S3
S18         5   S4 AND S17
S19        53   S11:S16 OR S18
S20      8387   MC=T01-J16?
S21        15   S1 AND S20
S22      8301   IC=G06F-015/18
S23         5   S1 AND S22
S24        67   S19 OR S21 OR S23
S25        49   S24 NOT PR=19990301:99999999
?t25/4/all

 25/4/1     (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2002-059530/200208|
XR- <XRPX> N02-044139|
TI-  Patent  specification  translation device  classifies  hierarchical
    data generated corresponding to modification structure of  text  claim
    , corresponding to specified order of target  language |
PA- ADC TECHNOLOGY YG (ADCT-N)|
NC- 001|
NP- 001|
PN- JP 2001306561 A  20011102 JP 96100059    A  19960422 200208 B
    <AN> JP 2001103210  A  19960422|
AN- <LOCAL> JP 96100059 A 19960422; JP 2001103210 A 19960422|
AN- <PR> JP 96100059 A 19960422; JP 2001103210 A 19960422|
FD- JP 2001306561 A  G06F-017/27   Div ex application JP 96100059|
LA- JP 2001306561(10)|
AB- <PN> JP 2001306561 A|
AB- <NV> NOVELTY - A pattern storage unit stores the pattern of a  claim
```

in a **text** patent **specification** . The input **text** **claim** is matched with stored pattern and hierarchical data are generated corresponding to modification structure of **text** **claim** , accordingly. The generated data are classified corresponding to specified order of target **language** and translated.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT **CLAIM** is also included for patent **specification** translation processing method.
USE - For translating **claim** **sentence** of **text** pattern **specification** to target **language** .
ADVANTAGE - Since the hierarchical data are classified corresponding to specified order of target **language** , the data are translated efficiently and also the modification structure of **text** **claim** is understood instantly.
DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the translation process. (Drawing includes non-English **language** **text**).
pp; 10 DwgNo 6/8|
DE- <TITLE TERMS> PATENT; **SPECIFICATION** ; TRANSLATION; DEVICE; CLASSIFY; HIERARCHY; DATA; GENERATE; CORRESPOND; MODIFIED; STRUCTURE; **TEXT** ; **CLAIM** ; CORRESPOND; SPECIFIED; ORDER; TARGET; **LANGUAGE** |
DC- T01|
IC- <MAIN> G06F-017/27|
IC- <ADDITIONAL> G06F-017/28|
MC- <EPI> T01-J14|
FS- EPI||

25/4/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

AA- 2001-564553/200163|
XR- <XRPX> N01-420250|
TI- Computer based expert support system for writing invention disclosures involves presenting user with drafts of **patent** application documents explaining what information is necessary and why and allowing user to enter the information|
PA- YES TECHNOLOGIES (YEST-N)|
AU- <INVENTORS> HUNTER R M; STEWART F M|
NC- 001|
NP- 001|
PN- US 6298327 B1 20011002 US 95401141 A 19950308 200163 B|
AN- <LOCAL> US 95401141 A 19950308|
AN- <PR> US 95401141 A 19950308|
LA- US 6298327(26)|
AB- <PN> US 6298327 B1|
AB- <NV> NOVELTY - User presented with draft copies of **patent** application forms e.g. via Graphical User Interface and told what information needed and why. User enters information. System assesses whether invention is **patentable** according to the rules of various **patent** organizations.|
AB- <BASIC> DETAILED DESCRIPTION - System assesses **patentability** of invention according to rules of United States **Patent** applications, **Patent** Cooperation Treaty **patent** applications, European **Patent** Office **patent** applications and Japanese **Patent** Office **patent** applications. INDEPENDENT CLAIMS are included for the method incorporated in the described system and stored software implementing the described system.
USE - As a system for assisting an inventor to write an invention disclosure (claimed).
ADVANTAGE - Allows inventor access to the professional advice necessary to write an invention disclosure in the correct format and containing all the necessary information and gives inventor assessment

of whether it is worthwhile proceeding with a **patent** application without lengthy and expensive consultation with experts in person.
pp; 26 DwgNo 0/8|
DE- <TITLE TERMS> COMPUTER; BASED; EXPERT; SUPPORT; SYSTEM; WRITING; INVENTION; PRESENT; USER; DRAFT; **PATENT** ; APPLY; DOCUMENT; INFORMATION ; NECESSARY; ALLOW; USER; ENTER; INFORMATION|
DC- T01|
IC- <MAIN> G06F-157/00|
MC- <EPI> T01-J05B4B; T01-J05B4P; T01-J11; T01-J12B1; **T01-J16A** ; T01-S03|
FS- EPI||

25/4/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2001-201633/200120|
DX- <RELATED> 2000-071544; 2001-456679|
XR- <XRPX> N01-143734|
TI- Computer program has instructions for producing an estimated value of intellectual property portfolio, when portfolio information is similar to empirical information of known intellectual property portfolios|
PA- DONNER I H (DONN-I)|
AU- <INVENTORS> DONNER I H|
NC- 001|
NP- 001|
PN- US 6154725 A 20001128 US 93161816 A 19931206 200120 B
<AN> US 97811302 A 19970304|
AN- <LOCAL> US 93161816 A 19931206; US 97811302 A 19970304|
AN- <PR> US 97811302 A 19970304; US 93161816 A 19931206|
FD- US 6154725 A G06F-017/60 CIP of application US 93161816|
LA- US 6154725(16)|
AB- <PN> US 6154725 A|
AB- <NV> NOVELTY - Information on **intellectual property** (IP) portfolio is derived by **analyzing** IP portfolio. Empirical information (12) of known IP portfolios is retrieved from a database. IP portfolio information is compared with empirical information to produce an estimated value of IP portfolio, when derived information of an IP portfolio is similar to empirical information of known portfolios.|
AB- <BASIC> USE - For automatic determination of machine implemented estimation value of intellectual property portfolio.
ADVANTAGE - Provides an independent analysis of IP portfolio including independent qualitative or quantitative worth indicator of the acquired IP portfolio. Provides an IP audit system that does not depend on the owner of the portfolio and used to determine the qualitative or quantitative value of the IP portfolio in an efficient and rapid manner. Analyzes IP in a mechanized manner as well as considering external factors relating to characteristics of purchasing and selling entities. Permits the user to manually correct or complete data to permit the audit system to determine quantitative and qualitative IP portfolio value.
DESCRIPTION OF DRAWING(S) - The figure is a detailed block diagram of the structure of the IP audit system.
Empirical information (12)
pp; 16 DwgNo 1/9|
DE- <TITLE TERMS> COMPUTER; PROGRAM; INSTRUCTION; PRODUCE; ESTIMATE; VALUE; INTELLIGENCE; PROPERTIES; PORTFOLIO; PORTFOLIO; INFORMATION; SIMILAR; EMPIRICAL; INFORMATION; INTELLIGENCE; PROPERTIES; PORTFOLIO|
DC- T01|
IC- <MAIN> G06F-017/60|
MC- <EPI> T01-J05B; T01-J05B1|
FS- EPI||

25/4/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2000-426634/200037|
XR- <XRPX> N00-318261|
TI- Reference analysis procedure of patent information, involves producing predetermined list based on repeatedly extracted references opposing to information on predetermined conditions|
PA- IMPATECH KK (IMPA-N)|
NC- 001|
NP- 001|
PN- JP 2000148789 A 20000530 JP 98330205 A 19981105 200037 B|
AN- <LOCAL> JP 98330205 A 19981105|
AN- <PR> JP 98330205 A 19981105|
LA- JP 2000148789(7)|
AB- <PN> JP 2000148789 A|
AB- <NV> NOVELTY - The first-order reference opposing to information on predetermined conditions is extracted. The secondary reference opposing to the first-order reference is repeated mechanically until the nth reference is extracted. A predetermined list is produced based on the n references.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a reference **analyzer** of a **patent** information.
USE - For searching and **analyzing** **patent** information.
ADVANTAGE - Raises efficiency of analysis operation of reference by automating search of reference and production of predetermined list, thus raising analysis accuracy.
DESCRIPTION OF DRAWING(S) - The figure shows an operation flowchart of the reference analysis procedure of patent information.
pp; 7 DwgNo 3/9|
DE- <TITLE TERMS> REFERENCE; ANALYSE; PROCEDURE; PATENT; INFORMATION; PRODUCE; PREDETERMINED; LIST; BASED; REPEAT; EXTRACT; REFERENCE; OPPOSED; INFORMATION; PREDETERMINED; CONDITION|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05B|
FS- EPI||

25/4/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 2000-426610/200037|
XR- <XRPX> N00-318237|
TI- Information analysis procedure for searching and **analyzing** e.g. **patent** information, involves computing elongation percentage based on counted objective information number within predetermined search period |
PA- IMPATECH KK (IMPA-N)|
NC- 001|
NP- 001|
PN- JP 2000148760 A 20000530 JP 98330206 A 19981105 200037 B|
AN- <LOCAL> JP 98330206 A 19981105|
AN- <PR> JP 98330206 A 19981105|
LA- JP 2000148760(6)|
AB- <PN> JP 2000148760 A|
AB- <NV> NOVELTY - Based on predetermined conditions, the objective

information number within the predetermined search period is counted. The elongation percentage is computed for every predetermined period based on the count value. The computed elongation percentage is output in a predetermined format.|
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for an information analyzer.
USE - For searching and **analyzing** information, such as **patent** information, technology reference information, newspaper report information.
ADVANTAGE - Elongation percentage of various information can be analyzed with high precision in short time. Simplifies analysis of elongation percentage by using ranking list output or matrix output.
DESCRIPTION OF DRAWING(S) - The figure shows a process flowchart of the information analysis procedure.
pp; 6 DwgNo 3/6|
DE- <TITLE TERMS> INFORMATION; ANALYSE; PROCEDURE; SEARCH; PATENT; INFORMATION; COMPUTATION; ELONGATE; PERCENTAGE; BASED; COUNT; OBJECTIVE ; INFORMATION; NUMBER; PREDETERMINED; SEARCH; PERIOD|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05B1|
FS- EPI||

25/4/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-392007/200034|
XR- <XRPX> N00-293903|
TI- Patent information auto-analysis apparatus has controller to **analyze** novelty of specific **patent** information based on assigned rank of keyword data searched from memory|
PA- IMPATECH KK (IMPA-N)|
NC- 001|
NP- 001|
PN- JP 2000132569 A 20000512 JP 98319970 A 19981023 200034 B|
AN- <LOCAL> JP 98319970 A 19981023|
AN- <PR> JP 98319970 A 19981023|
LA- JP 2000132569(7)|
AB- <PN> JP 2000132569 A|
AB- <NV> NOVELTY - Various data about specific patent information are input by input unit (2). Several patent information are stored in memory (3). According to the various input data, keyword data are searched from the patent information stored in the memory and the searched keyword data are ranked. Depending on the rank of keyword data, a controller (4) **analyzes** the novelty of specific **patent** information.|
AB- <BASIC> USE - For **analyzing** novel features of **patent** information.
ADVANTAGE - The novelty of specific **patent** information etc., is **analyzed** automatically in a short time based on the set rank of the searched keyword data.
DESCRIPTION OF DRAWING(S) - The figure shows the basic block diagram of patent information auto-analysis apparatus.
Input unit (2)
Memory (3)
Controller (4)
pp; 7 DwgNo 1/9|
DE- <TITLE TERMS> PATENT; INFORMATION; AUTO; ANALYSE; APPARATUS; CONTROL; NOVEL; SPECIFIC; PATENT; INFORMATION; BASED; ASSIGN; RANK; KEYWORD; DATA; SEARCH; MEMORY|
DC- T01|
IC- <MAIN> G06F-017/30|

MC- <EPI> T01-J05B|
FS- EPI||

25/4/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

AA- 2000-376547/200032|
XR- <XRAM> C00-113949|
XR- <XRPX> N00-282712|
TI- Novel IMX polypeptides useful for treating irritable bowel diseases such as Crohn's disease or ulcerative colitis, and genes encoding them|
PA- DIGITAL GENE TECHNOLOGIES INC (DIGI-N)|
AU- <INVENTORS> BAUM P R; DUBOSE R F; HASEL K W; HILBUSH B S; SIMS J E; YOUAKIM A|
NC- 089|
NP- 003|
PN- WO 200028033 A2 20000518 WO 99US26788 A 19991110 200032 B|
PN- AU 200020238 A 20000529 AU 200020238 A 19991110 200041
PN- EP 1131431 A2 20010912 EP 99963894 A 19991110 200155
<AN> WO 99US26788 A 19991110|
AN- <LOCAL> WO 99US26788 A 19991110; AU 200020238 A 19991110; EP 99963894 A 19991110; WO 99US26788 A 19991110|
AN- <PR> US 98107821 P 19981110|
FD- WO 200028033 A2 C12N-015/12
<DS> (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW
<DS> (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
FD- AU 200020238 A C12N-015/12 Based on patent WO 200028033
FD- EP 1131431 A2 C12N-015/12 Based on patent WO 200028033
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI|
LA- WO 200028033(E<PG> 112); EP 1131431(E)|
DS- <NATIONAL> AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; EA; ES; FI; FR; GB; GH; GM; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SL; SZ; TZ; UG; ZW; AL; LI; LT; LV; MK; RO; SI|
AB- <PN> WO 200028033 A2|
AB- <NV> NOVELTY - Purified polypeptide (IMX polypeptide) (I) comprising a sequence with at least 80 % identity to 1 of 12 sequences ((I.1)-(I.12)) of 21-663 amino acids (aa) given in the **specification**, or their fragments, where the expression of an mRNA encoding (I) is altered in a T84 model of gut barrier function, is new.|
AB- <BASIC> DETAILED DESCRIPTION - Novel polypeptide (IMX polypeptide) (I) comprising a sequence with at least 80 % identity to 1 of 12 sequences ((I.1)-(I.12)) of 21-663 amino acids (aa) given in the **specification**, or their fragments, where the expression of an mRNA encoding (I) is altered in a T84 model of gut barrier function, e.g.:

Met-Pro-Gly-Tyr-Arg-His-Cys-Thr-Pro-Ala-Trp-Val-Thr-Glu-Arg-Asp-Ser-Val-Ser-Glu-Lys (I.12)

INDEPENDENT **CLAIMS** are also included for the following:

(1) an isolated DNA molecule (III) encoding (II);

(2) an isolated DNA molecule (IV) comprising a sequence with at least 80 % identity to 1 of 10 sequences ((IV.1)-(IV.10)) of 60-398 nucleotides, given in the **specification**;

(3) an expression vector (V) comprising (IV);
(4) a host cell transformed with (V);
(5) an isolated DNA molecule comprising a sequence with at least 95 % identity to the sequence of (2), or 1 of 16 sequences ((IV.11)-(IV.26)) of 466-2577 nucleotides, given in the **specification**, which hybridizes to (IV.1)-(IV.26), a (epitope coding) fragment of (IV.1)-(IV.26), or its complement, an (allelic) variant of (IV.1)-(IV.26), a species homologue of (IV.1)-(IV.26), or their complements;
(6) a recombinant vector comprising the nucleotide of (5);
(7) making a recombinant host cell comprising the nucleotide of (5);
(8) a recombinant host cell produced by the method of (7);
(9) an isolated polypeptide (VI) comprising a sequence with 90% identity to a fragment of a polypeptide encoded by (IV.1)-(IV.26), a polypeptide comprising (I.1)-(I.12), a polypeptide domain or epitope of a polypeptide encoded by (I.1)-(I.12), a secreted form of a polypeptide encoded by polynucleotide (I.1)-(I.12), a full length protein, variant, allelic variant or species homologue of a polypeptide encoded by polynucleotide (I.1)-(I.12);
(10) an isolated antibody that binds specifically to (VI11) a recombinant host cell (VII) expressing (VI);
(12) preparation of (VI) comprising culturing the cell of (11) and isolating (VI);
(13) the polypeptide produced by the method of (12);
(14) identifying a binding partner to (VI) which involves contacting (VI) with a binding partner and determining whether the binding partner affects the activity of the polypeptide; and
(15) identifying an activity in a biological assay which involves expressing a polynucleotide (IV.1)-(IV.26) in a cell, isolating the supernatant, detecting an activity in a biological assay and then identifying the polypeptide in the supernatant having the activity.

ACTIVITY - Antiinflammatory. No supporting data is given.

MECHANISM OF ACTION - Gene therapy.

USE - The polynucleotides or polypeptides are useful for preventing, treating or ameliorating a medical conditions such as irritable bowel disease (IBD), Crohn's disease or ulcerative colitis. They are also used as diagnostic reagents which involves determining the presence or absence of the polynucleotide or polypeptide and then diagnosing IBD or susceptibility to it based on the presence or absence of the polypeptide or polynucleotide (claimed). The nucleic acids are useful for identifying nucleic acids encoding proteins homologous to (I.1)-(I.12), to map genes near the nucleotide sequences or human chromosomes and to identify genes associated with certain diseases, syndromes or other human conditions associated with human chromosomes containing IMX sequences. Sense or antisense oligonucleotides from polynucleotides (IV.1)-(IV.26) are used for inhibiting the expression of IMX polynucleotides. The peptides are useful as molecular **weight** markers and as markers for determining the isoelectric **point** of an unknown protein as well as controls for establishing the extent of fragmentation of a protein. The polypeptides are also useful for treating diseases mediated by polypeptide **counter** -structure molecules. IMX nucleic acid sequences, the polypeptide sequences or their fragments or a combination of the fragments of the polypeptide are useful in searching an electronic database to aid in the identification of sample nucleic acids and/or proteins. The IMX polypeptides are also useful as research agents to further study gut epithelial barrier function and regulation and therapeutic reagents to treat IBD and other gut pathologies. The nucleic acids are used as probes to identify nucleic acid encoding proteins homologous to IMX polypeptides, to identify human chromosomes, to map genes on human chromosome numbers 7,19 and 22, to identify genes associated with certain diseases, syndromes, or other conditions associated with human

chromosome numbers 7, 19 and 22, as single-stranded sense or antisense oligonucleotides to inhibit expression of polypeptide encoded by the IMX sequences, to help detect defective genes in an individual and for gene therapy. The polypeptides are also useful for carriers for delivering agents attached to cells bearing a binding partner. The antibodies are used for purifying polypeptides or their fragments by immunoaffinity chromatographypp; 112 DwgNo 0/22|

AB- <TF> TECHNOLOGY FOCUS - BIOTECHNOLOGY - Preferred Nucleic Acid: The polynucleotide fragment of (5) comprises a sequence encoding a secreted protein, and preferably a sequence encoding a polypeptide with a sequence identified as a translation of polynucleotide (IV.1)-(IV.26), a polypeptide comprising (I.1)-(I.12), or a polypeptide encoded by the cDNA molecule which is hybridizable to polynucleotide (IV.1)-(IV.26). The polynucleotide fragment contains the entire nucleotide sequence of (IV.1)-(IV.26), or the cDNA sequence which is hybridizable to polynucleotide (IV.1)-(IV.26) and also has sequential nucleotide deletions from the sequence encoding either the C- **terminus** or N-**terminus** .

Preferred Polypeptide: The matured or full length polypeptide of (VI) comprises sequential amino acid deletions from the C or N-**terminus** . |

AB- <XA> WIDER DISCLOSURE - The following are also disclosed:

(1) fragments and variants of (VI);

(2) assays involving these polypeptides to screen for potential inhibitors of activity associated with the polypeptide **counter** -structure molecules and methods of using these polypeptides in the design of inhibitors;

(3) kits comprising the polypeptides;

(4) oligomers or fusion proteins comprising the IMX polypeptide;

SPECIFIC SEQUENCES - (I) comprises 1 of 12 amino acid sequences of 21-663 residues, 10 of which are given in the **specification** .

ADMINISTRATION - IMX polypeptides are administered topically, parenterally or by inhalation. No specific dosages are given.

EXAMPLE - T84 cells obtained from T84, an in vitro model of intestinal epithelial barrier system, were plated on 75 mm polycarbonate transwell filter insets and grown in DME/F12 (1:1). The cells were maintained at confluence for 2-3 days, and integrity of the epithelial barrier was determined by **measuring** transepithelial electrical resistance (TER). When the TER **values** were greater than 1000 ohms/cm2 and were stable, cells were treated with interferon-g (30 ng/ml, Genzyme) added to the basolateral side of the membrane. At various times after treatment (4, 24 and 44 hours), TERs were **measured** to monitor the interferon-induced disruption of the barrier, and RNA was harvested from the cells at those time **points** using TRIzol reagent. RNA was extracted using conventional methods and subsequently used for TOGA **analysis** as described in U.S. **Patent** No. 5459037 and 5807680. The TOGA method further comprised an additional PCR step performed using four separate reactions, one for each of the four 5' PCR primers and cDNA templates prepared from a population of antisense cRNAs. A final PCR step used 256 5' PCR primers in 64 subpools for each of the four reactions of the previous step produced PCR products that were cDNA fragments that corresponded to the 3'-region of the starting mRNA population. The produced PCR products were then identified by a database search for homologous sequences in Genbank resulted in no matches, indicating the novelty of the IMX sequences of the invention. The identified nucleotides and its fragments are useful as probes to study diagnose the changes in gene expression.|

DE- <TITLE TERMS> NOVEL; USEFUL; TREAT; IRRITATE; BOWEL; DISEASE; DISEASE; ULCER; COLITIS; GENE; ENCODE|

DC- B04; D16; S03|

IC- <MAIN> C12N-015/12|

IC- <ADDITIONAL> A61K-038/17; A61P-001/00; C07K-014/47; C07K-016/18; C12Q-001/68; G01N-033/68|

MC- <CPI> B04-C01E; B04-C01G; B04-E02F; B04-E05; B04-E06; B04-E08; B04-F0100E; B04-F0200E; B04-G01; B04-N02B; B11-C07A; B11-C08D1; B11-C08E5; B12-K04A; B12-K04E; B12-K04F; B14-C03; B14-E10; B14-E10C; B14-S03; D05-H09; D05-H11; D05-H12A; D05-H12B; D05-H12C; D05-H12D1; D05-H12D2; D05-H12E; D05-H14; D05-H14B2; D05-H17A6; D05-H17B6; D05-H17C ; D05-H18B; D05-H19|
MC- <EPI> S03-E14H|
FS- CPI; EPI||

25/4/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-374262/200032|
XR- <XRPX> N00-280871|
TI- Method of checking with the second character industry high-tech database established with the first character - method for checking database of U.S. **patent** titles in Chinese characters|
PA- BELL INT INFORMATION CO LTD (BELL-N)|
AU- <INVENTORS> TSAI M|
NC- 001|
NP- 001|
PN- TW 366458 A 19990811 TW 97100455 A 19970117 200032 B|
AN- <LOCAL> TW 97100455 A 19970117|
AN- <PR> TW 97100455 A 19970117|
LA- TW 366458(30)|
AB- <BASIC> TW 366458 A
NOVELTY - The present invention establishes an address group to be translated by the corresponding meaning between the first character phrase and the second character/phase and by using the corresponding address groups to be translated for inputting the first word series having the corresponding meaning converted by the second word series, facilitating the checking of the industrial database set up by the first character and transferred from the first character word series.
USE - Method of checking with the second character industry high-tech database established with the first character.
ADVANTAGE - Upon displaying or printing out the result of the second character word/phrase may be displayed or printed after the word/phrase identical to the word/phrase address groups to be translated in the first character database, for reference of the user being familiar with the second character.
Dwg.1/6|
DE- <TITLE TERMS> METHOD; CHECK; SECOND; CHARACTER; INDUSTRIAL; HIGH; DATABASE; ESTABLISH; FIRST; CHARACTER; METHOD; CHECK; DATABASE; **PATENT** ; TITLE; CHINESE; CHARACTER|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05B; T01-J05B3; T01-J14; **T01-J16C3** |
FS- EPI||

25/4/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-330113/200029|
XR- <XRPX> N00-248445|
TI- Generating process model for manufacture of chipboard or particle board by supplying determined current process parameters to process model to determine expected quality characteristics|

PA- DIEFFENBACHER SCHENCK PANEL GMBH (DIFF)|
AU- <INVENTORS> REINE F|
NC- 001|
NP- 001|
PN- DE 19848059 A1 20000420 DE 1048059 A 19981019 200029 B|
AN- <LOCAL> DE 1048059 A 19981019|
AN- <PR> DE 1048059 A 19981019|
FD- DE 19848059 A1 G05B-013/04 Add to patent DE 19718262|
LA- DE 19848059(7)|
AB- <PN> DE 19848059 A1|
AB- <NV> NOVELTY - The method is based on **patent** application 197 18262.3. For the manufacture of board products, in a fourth step, current process parameters are determined and supplied in a fifth step to the process model which determines the expected quality characteristics of the board. These characteristics are then used in an optimization algorithm to determine the process parameters to be set in the manufacturing process. A neural network made of radial base neurons may be used, which combines radial-base functions e.g. of gaussian type.|
AB- <BASIC> USE - For manufacture of board products from wood, plaster-fibre etc.
ADVANTAGE - Allows modelling of the nonlinear behavior of complex systems, for optimized processes.
DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of a circuit.
pp; 7 DwgNo 1/3|
DE- <TITLE TERMS> GENERATE; PROCESS; MODEL; MANUFACTURE; CHIPBOARD; PARTICLE; BOARD; SUPPLY; DETERMINE; CURRENT; PROCESS; PARAMETER; PROCESS; MODEL; DETERMINE; QUALITY; CHARACTERISTIC|
DC- T01; T06|
IC- <MAIN> G05B-013/04|
IC- <ADDITIONAL> **G06F-015/18** |
MC- <EPI> T01-J07B1; T01-J15H; **T01-J16C1** ; T06-A05A; T06-A07B|
FS- EPI||

25/4/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-328395/200028|
XR- <XRPX> N00-247179|
TI- Patent-centric and group-oriented data processing for managing intellectual property related transactions by accessing database comprising information representative of at least one license agreement |
PA- AURIGIN SYSTEMS INC (AURI-N)|
AU- <INVENTORS> ALCABES H; BRANNON D; GORETSKY D; HOHMANN L; JACKSON A; MULLER R J; NAVARRETE J A; PARK B; PUGLIA D; RABB C; RAPPAPORT I S; RIVETTE K G; SCHNITZ M; SMITH D W; THORNTHWAITE W|
NC- 022|
NP- 002|
PN- WO 200011575 A1 20000302 WO 99US19050 A 19990823 200028 B|
PN- AU 9957808 A 20000314 AU 9957808 A 19990823 200031|
AN- <LOCAL> WO 99US19050 A 19990823; AU 9957808 A 19990823|
AN- <PR> US 98138368 A 19980821|
FD- WO 200011575 A1 G06F-017/30
<DS> (National): AU CA JP KR
<DS> (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
FD- AU 9957808 A G06F-017/30 Based on patent WO 200011575|
LA- WO 200011575(E<PG> 350)|
DS- <NATIONAL> AU CA JP KR|
DS- <REGIONAL> AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC;

NL; PT; SE|
AB- <PN> WO 200011575 A1|
AB- <NV> NOVELTY - The method involves accessing a database comprising information representative of at least one license agreement each associated with one or more of the at cast one IP asset package. An information representative of at least one of: at least one IP asset, at least one IP asset package, and at least one license agreement is enabled for processing in a manner specified by a user command.|
AB- <BASIC> DETAILED DESCRIPTION - An enterprise server accesses and processes the information in the databases. The enterprise server includes modules that are capable of automatically accessing and processing the information in the databases in a patent-centric (or document-centric) and group-oriented manner. These modules are also capable of automatically accessing and processing the information in the databases on a patent by patent basis 'one patent at a time'.
An INDEPENDENT CLAIM is included for:
(a) a system for managing intellectual property (IP) related transactions
(b) a computer program product comprising control logic stored in a computer usable medium
USE - For patent-centric and group-oriented data processing for tracking and processing IP related transactions, such as license agreements.
ADVANTAGE - Allows correlating, **analyzing** , and otherwise processing **patent** -related information with non-patent related information, including but not limited to corporate operational data, financial information, production information, human resources information, and other types of corporate information. Provides full strategic and tactical value and applicability of any given patent, or developing a corporate patent business strategy for gaining competitive advantage and increasing shareholder value based on patents.
pp; 350 DwgNo 1/163|
DE- <TITLE TERMS> PATENT; CENTRE; GROUP; ORIENT; DATA; PROCESS; MANAGE; INTELLIGENCE; PROPERTIES; RELATED; TRANSACTION; ACCESS; DATABASE; COMPRISE; INFORMATION; REPRESENT; ONE; LICENCE; AGREE|
DC- T01|
IC- <MAIN> G06F-017/30|
IC- <ADDITIONAL> G06F-017/60|
MC- <EPI> T01-H07C5S; T01-J05A; T01-J05B4P; T01-J05C|
FS- EPI||

25/4/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-116257/200010|
DX- <RELATED> 1998-311859|
XR- <XRPX> N00-088090|
TI- **Text** portion comparing method for enabling user to analyze document|
PA- AURIGIN SYSTEMS INC (AURI-N)|
AU- <INVENTORS> O'BRIEN P; RAPPAPORT I S; RIVETTE K G|
NC- 001|
NP- 001|
PN- US 6014663 A 20000111 US 96590082 A 19960123 200010 B
<AN> US 9858347 A 19980410|
AN- <LOCAL> US 96590082 A 19960123; US 9858347 A 19980410|
AN- <PR> US 96590082 A 19960123; US 9858347 A 19980410|
FD- US 6014663 A G06F-017/30 Cont of application US 96590082
Cont of patent US 5754840|
LA- US 6014663(29)|
AB- <PN> US 6014663 A|

AB- <NV> NOVELTY - Two **text** portions each containing the sorted list of **terms** is created from a current document. The number of times each **term** appearing in each sorted list of corresponding **text** portion is calculated for generating a specification index table and **claim** index table respectively. Both the index tables are then compared for identifying differences and similarities between the index tables.|
AB- <BASIC> DETAILED DESCRIPTION - The specification index table and **claim** index table are then merged to generate a merged index table.
INDEPENDENT **CLAIMS** are also included for the following:
(a) a **text** portion comparing system;
(b) a computer program product for comparing **text** portions.
USE - For enabling user to develop, maintain and **analyze** document such as **patent** or **patent** applications.
ADVANTAGE - Facilitates editing of patent application so as to achieve **terminology** consistency. Enables user to reindex the document by performing editing and updating. Indexing approach advantageous since it requires less resources and is faster than full document indexing.
DESCRIPTION OF DRAWING(S) - The figure illustrates the flowchart for performing **text** portion comparison.
pp; 29 DwgNo 7/29|
DE- <TITLE TERMS> **TEXT** ; PORTION; COMPARE; METHOD; ENABLE; USER; DOCUMENT|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-E01C; T01-J05B4; T01-J11A; T01-S03|
FS- EPI||

25/4/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 2000-071544/200006|
XR- <XRPX> N00-055956|
TI- Computer implemented intellectual property audit system|
PA- DONNER I H (DONN-I)|
AU- <INVENTORS> DONNER I H|
NC- 001|
NP- 001|
PN- US 5999907 A 19991207 US 93161816 A 19931206 200006 B|
AN- <LOCAL> US 93161816 A 19931206|
AN- <PR> US 93161816 A 19931206|
FD- US 5999907 A G06F-153/00|
LA- US 5999907(9)|
AB- <PN> US 5999907 A|
AB- <NV> NOVELTY - A comparator (10) compares two objectively determinable characteristics for determining estimated value of intellectual property portfolio responsive to one of objectively determinable values of specific representative intellectual property portfolios. These portfolios have objectively determinable characteristics, which are statistically similar to that of intellectual property portfolio.|
AB- <BASIC> DETAILED DESCRIPTION - Objectively determinable characteristics of the intellectual property portfolio to be estimated, are stored in a database. This database comprises at least one of patent, trade mark, copy write, legal reporter, current events and intellectual property status databases. A database access and collection device (4) accesses the database for retrieving the stored characteristic information. The objectively determinable characteristics of representative intellectual property portfolios and the objectively determinable values corresponding to each of the representative intellectual property portfolios, are stored in another database. Based on the content of this database, accessing of estimated value of intellectual property

portfolio is enabled. An INDEPENDENT CLAIM is also included for computer based intellectual property audit method.
USE - For automatic determination of estimated value of intellectual property portfolio.
ADVANTAGE - Enables determining the qualitative and/or quantitative value of the intellectual property portfolio in an efficient and relatively rapid manner. Provides the qualitative and/or quantitative value by **analyzing** the **intellectual property** in mechanized manner and external factors related to characteristics of the purchasing and selling entities. Enables outputting request for manual assistance to correct erroneously entered data, incomplete or insufficient data.
DESCRIPTION OF DRAWING(S) - The figure shows the detailed block diagram of structure of intellectual property audit system.
Database access and collection device (4)
Comparator (10)
pp; 9 DwgNo 1/2|
DE- <TITLE TERMS> COMPUTER; IMPLEMENT; INTELLIGENCE; PROPERTIES; AUDIT; SYSTEM|
DC- T01|
IC- <MAIN> G06F-153/00|
MC- <EPI> T01-E01C; T01-J04D; T01-J05B3; T01-J05B4M|
FS- EPI||

25/4/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1999-481200/199941|
XR- <XRPX> N99-358424|
TI- Multi-lingual patent information search system|
PA- ITI INC (ITII-N); ITI KK (ITII-N)|
AU- <INVENTORS> NOSOHARA M|
NC- 026|
NP- 002|
PN- EP 940762 A2 19990908 EP 99102878 A 19990303 199941 B|
PN- JP 11250090 A 19990917 JP 9850659 A 19980303 199949|
AN- <LOCAL> EP 99102878 A 19990303; JP 9850659 A 19980303|
AN- <PR> JP 9850659 A 19980303|
FD- EP 940762 A2 G06F-017/30
<DS> (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI
FD- JP 11250090 A G06F-017/30|
LA- EP 940762(E<PG> 42); JP 11250090(22)|
DS- <REGIONAL> AL; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LT; LU; LV; MC; MK; NL; PT; RO; SE; SI|
AB- <PN> EP 940762 A2|
AB- <NV> NOVELTY - System has a search expression input which can be replaced on the basis of bibliographic information search contents. The second search expression is transmitted to the patent search apparatus, which can determine a **language** which can be understood by the user generating the first search expression. A replacement table replaces components of the first search expression with components of the second in the **language** of the database, replacing the applicant name in the search expression, the **patent classification** code or bibliographic information.|
AB- <BASIC> DETAILED DESCRIPTION - There is an INDEPENDENT **CLAIM** for an information search relay apparatus.
USE - System is for searching a database of patent information.
ADVANTAGE - System makes it possible for a foreigner to access patent information stored e.g. in Japanese.
DESCRIPTION OF DRAWING(S) - The figure shows the patent information

search system.
pp; 42 DwgNo 1/16|
DE- <TITLE TERMS> MULTI; LINGUAL; PATENT; INFORMATION; SEARCH; SYSTEM|
DC- T01|
IC- <MAIN> G06F-017/30|
IC- <ADDITIONAL> G06F-017/28|
MC- <EPI> T01-J05B; T01-J05B1; T01-J14; T01-M02A1B|
FS- EPI||

25/4/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1999-272054/199923|
XR- <XRPX> N99-203619|
TI- Automatic patent-extracting production system - has patent extract storing unit that extracts predetermined data e.g. application data, detailed summary, drawing data to automatically generate a patent extract, and registers extract into patent database|
PA- NEC CORP (NIDE)|
NC- 001|
NP- 001|
PN- JP 11085799 A 19990330 JP 97257601 A 19970905 199923 B|
AN- <LOCAL> JP 97257601 A 19970905|
AN- <PR> JP 97257601 A 19970905|
FD- JP 11085799 A G06F-017/30|
LA- JP 11085799(4)|
AB- <BASIC> JP 11085799 A
NOVELTY - A patent extract storing unit (103) extracts predetermined data e.g. application data, detailed summary, drawing data to automatically generate a patent extract. The patent extract is then registered into the patent database. DETAILED DESCRIPTION - A **patent** document storing unit (102) **classifies** every documented application, detailed statements, detailed summary, and detailed drawing of the patent document input into a **terminal** equipment, and stores the data into a patent database (104).
USE - For automatically generating document of particular patent.
ADVANTAGE - Reduces processing burden. Reduces time required for loading and observing search document since amount of documents that needs to be confirmed are reduced. DESCRIPTION OF DRAWING(S) - The figure shows the structural diagram of the automatic patent-extracting production system. (102) Patent document storing unit; (103) Patent extract storing unit; (104) Patent database.
Dwg.1/2|
DE- <TITLE TERMS> AUTOMATIC; PATENT; EXTRACT; PRODUCE; SYSTEM; PATENT; EXTRACT; STORAGE; UNIT; EXTRACT; PREDETERMINED; DATA; APPLY; DATA; DETAIL; SUMMARY; DRAW; DATA; AUTOMATIC; GENERATE; PATENT; EXTRACT; REGISTER; EXTRACT; PATENT; DATABASE|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05B4P|
FS- EPI||

25/4/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1999-254159/199921|
DX- <RELATED> 1997-341245; 2000-637082|

XR- <XRPX> N99-189242|
TI- Relevancy ranking method for retrieval of natural language data in personal computer|
PA- UNIV CENT FLORIDA (UYFL-N)|
AU- <INVENTORS> DRISCOLL J R|
NC- 001|
NP- 001|
PN- US 5893092 A 19990406 US 94350334 A 19941206 199921 B
<AN> US 97880807 A 19970623|
AN- <LOCAL> US 94350334 A 19941206; US 97880807 A 19970623|
AN- <PR> US 94350334 A 19941206; US 97880807 A 19970623|
FD- US 5893092 A G06F-017/30 Div ex application US 94350334
Div ex patent US 5642502|
LA- US 5893092(26)|
AB- <PN> US 5893092 A|
AB- <NV> NOVELTY - The selected text is grouped and are ranked according to relevancy. Based on a manual determination of relevancy, a feed back information is applied to create a different query, automatically to form a second rank list.|
AB- <BASIC> DETAILED DESCRIPTION - A sentence, phrase or semantic unit of a text in a document is selected from a database collection by a natural language search query. The second rank list is of a different ranking order. The procedure of ranking the second group is the same as that of the first group.
USE - In personal computers for searching internal files, for modem search systems. Applies to retrieve and filter documents such as **patents** , legal documents, medical documents, articles, journals as per search request. For answering questions from general information database of public affairs office.
ADVANTAGE - The reading time is minimized and the user is allowed to make relevant decisions very easy by just indicating by a key stroke whether a document is relative or not. The sentences saves the user time by forcing the user to discover small units which are relevant or not relevant and enhances quality of search. There is no size limit for the number of documents to be searched. Relevancy feedback helps the user to automatically identify alternative words useful for expressing a query. Provides an automated retrieval system which minimizes reading efforts of the user and also minimizes the need for highlighting relevant words on a screenful of text.
DESCRIPTION OF DRAWING(S) - The figure is a flow chart for determining the number to indicate the relevance or similarity of a document to a query.
pp; 26 DwgNo 2/15|
DE- <TITLE TERMS> RANK; METHOD; RETRIEVAL; NATURAL; LANGUAGE; DATA; PERSON; COMPUTER|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J03; T01-J05B3; **T01-J16C3** |
FS- EPI||

25/4/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1999-158486/199914|
XR- <XRPX> N99-115089|
TI- Patent search result mapping method for search system - involves mapping search result numbers to graph and displaying the graph on screen of search system|
PA- DAEWOO ELECTRONICS CO LTD (DAEW-N)|
NC- 001|

NP- 001|
PN- JP 11015833 A 19990122 JP 97150669 A 19970609 199914 B|
AN- <LOCAL> JP 97150669 A 19970609|
AN- <PR> JP 97150669 A 19970609|
FD- JP 11015833 A G06F-017/30|
LA- JP 11015833(5)|
AB- <BASIC> JP 11015833 A
NOVELTY - The method involves generating several items which resembles two coordinate axes. Two values (I,J) varies from 1 to number of item to respective axes. Search condition a(I) and b(J) are set and output numbers are stored in array of c(I)(J). The numbers are mapped to a graph and display on a screen of search system.
USE - For search system.
ADVANTAGE - Enables user to compare and **analyzes** quickly, thereby recent **patent** to end can be understood. Search result is summarized quickly and manpower is reduced.
Dwg.1/3|
DE- <TITLE TERMS> PATENT; SEARCH; RESULT; MAP; METHOD; SEARCH; SYSTEM; MAP; SEARCH; RESULT; NUMBER; GRAPH; DISPLAY; GRAPH; SCREEN; SEARCH; SYSTEM|
DC- T01|
IC- <MAIN> G06F-017/30|
IC- <ADDITIONAL> G06T-011/80|
MC- <EPI> T01-J05B1; T01-J10C|
FS- EPI||

25/4/17 (Item 17 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1998-387544/199833|
XR- <XRPX> N98-302270|
TI- Computer based patent **text** processing method - involves comparing drawing references and alphanumeric drawing data and outputting comparison result to user|
PA- MOTOROLA INC (MOTI)|
AU- <INVENTORS> NEWMAN M A|
NC- 001|
NP- 001|
PN- US 5774833 A 19980630 US 95569053 A 19951208 199833 B|
AN- <LOCAL> US 95569053 A 19951208|
AN- <PR> US 95569053 A 19951208|
FD- US 5774833 A G06F-017/28|
LA- US 5774833(14)|
AB- <BASIC> US 5774833 A
The method involves identifying multiple portions of a patent **text** corresponding to a specific invention. Minimum of one patent **text** portion is loaded into a first memory (209) of a computer (200). The loaded **patent** **text** is **analysed** and **patent** **text** drawing references are recognised. Drawing data from one or more drawing files corresponding to the invention, is loaded into the first memory.
Alphanumeric drawing data is then extracted from the drawing data. The patent **text** drawing reference are compared with the alpha numeric drawing data and the comparison results are output to a user (202).
ADVANTAGE - Performs syntactic and semantic analysis.
Dwg.2/7|
DE- <TITLE TERMS> COMPUTER; BASED; PATENT; **TEXT** ; PROCESS; METHOD; COMPARE ; DRAW; REFERENCE; ALPHANUMERIC; DRAW; DATA; OUTPUT; COMPARE; RESULT; USER|
DC- T01|
IC- <MAIN> G06F-017/28|
MC- <EPI> T01-J05C; T01-J10B2; T01-J11A|

FS- EPI||

25/4/18 (Item 18 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1998-311859/199827|
DX- <RELATED> 2000-116257|
XR- <XRPX> N98-244511|
TI- **Patent** application **analysis** assisting system used in document production - has table analysing unit which analysis merged index table and thereby identifies **terms** in **claim** portion that are not present in **specification** portion and thereby displays identified **terms** |
PA- SMARTPATENTS INC (SMAR-N)|
AU- <INVENTORS> O'BRIEN P; RAPPAPORT I S; RIVETTE K G|
NC- 001|
NP- 001|
PN- US 5754840 A 19980519 US 96590082 A 19960123 199827 B|
AN- <LOCAL> US 96590082 A 19960123|
AN- <PR> US 96590082 A 19960123|
FD- US 5754840 A G06F-017/30|
LA- US 5754840(32)|
AB- <BASIC> US 5754840 A
The system includes an open application button (402) for allowing an user to select a document containing a patent application. A select **specification** button (404) is provided for allowing the user to select a **specification** portion of the patent application. A select **claim** button (406) is provided for allowing the user to select the **claim** portion of the patent application.
An index application button (408) is provided for indexing the **specification** portion and **claim** portion and thereby to generate a merged index table. A table analysing unit is provided for analysing the merged index table and thereby to identify the **terms** in **claim** portion that are not present in the **specification** portion. A sixth unit displays the identified **terms** .
ADVANTAGE - Enables user to easily determined whether consistent **terminology** exists in document. Enables user to easily modify document. Assists in **analysing patent** application of document.
Dwg.4/29|
DE- <TITLE TERMS> PATENT; APPLY; ANALYSE; ASSIST; SYSTEM; DOCUMENT; PRODUCE ; TABLE; ANALYSE; UNIT; ANALYSE; MERGE; INDEX; TABLE; IDENTIFY; **TERM** ; **CLAIM** ; PORTION; PRESENT; **SPECIFICATION** ; PORTION; DISPLAY; IDENTIFY; **TERM** |
DE- <ADDITIONAL WORDS> **COMPUTER** ; **SYSTEM** |
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05C; T01-J11A|
FS- EPI||

25/4/19 (Item 19 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1998-251463/199822|
XR- <XRPX> N98-198493|
TI- Method of analysing and displaying information regarding several documents - by finding for each selected pairs of documents N utility **measures** , given one based on one document representation in pair, shown in scatter plot in bounded area of non parallel axes|

PA- MANNING & NAPIER INFORMATION SERVICES (MANN-N)|
AU- <INVENTORS> CALISTRI-YEH R J; SNYDER D L; CALISTRIYEH R J|
NC- 078|
NP- 003|
PN- WO 9816890 A1 19980423 WO 97US18712 A 19971014 199822 B|
PN- AU 9749059 A 19980511 AU 9749059 A 19971014 199837
PN- US 6038561 A 20000314 US 9628437 A 19961015 200020
<AN> US 97929603 A 19970915|
AN- <LOCAL> WO 97US18712 A 19971014; AU 9749059 A 19971014; US 9628437 A 19961015; US 97929603 A 19970915|
AN- <PR> US 9628437 P 19961015; US 97929603 A 19970915|
FD- WO 9816890 A1 G06F-017/30
<DS> (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
<DS> (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW
FD- AU 9749059 A G06F-017/30 Based on patent WO 9816890
FD- US 6038561 A G06F-017/30 Provisional application US 9628437|
LA- WO 9816890(E<PG> 99)|
DS- <NATIONAL> AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW |
DS- <REGIONAL> AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GH; GR; IE; IT; KE; LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG; ZW|
AB- <BASIC> WO 9816890 A
The method involves generating a set of N different representations of each document. Selected pairs of documents determine utility **measures** , with a given one being designated the ith utility, where i is an integer in the range 1 to N inclusive. The ith utility **measure** is based on the ith representations of the documents in that pair.
A scatter plot is displayed in the area bounded by N non parallel axes, a given axis is designated the ith axis where i is the same as before, and where each selected pair is represented by a **point** in N space with co-ordinate along the ith axis equal to the ith utility **measure** .
USE - Relates to management and analysis of document information and **text** .
ADVANTAGE - Method is especially effective for **analysing patent texts** such as **patent claims** , **abstracts** and other portions of **specifications** .
Dwg.1A/13|
DE- <TITLE TERMS> METHOD; ANALYSE; DISPLAY; INFORMATION; DOCUMENT; FINDER; SELECT; PAIR; DOCUMENT; N; UTILISE; **MEASURE** ; ONE; BASED; ONE; DOCUMENT; REPRESENT; PAIR; SCATTERING; PLOT; BOUND; AREA; NON; PARALLEL ; AXIS|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05B4; T01-J11D|
FS- EPI||

25/4/20 (Item 20 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1998-064029/199807|
XR- <XRPX> N98-050276|
TI- Computer-aided **text** design system - uses logic models employing **neural** networks for determining logic of assembled **text** |

PA- SCHULZE HORN H (HORN-I)|
AU- <INVENTORS> SCHULZE HORN H|
NC- 001|
NP- 001|
PN- DE 19626142 A1 19980108 DE 1026142 A 19960701 199807 B|
AN- <LOCAL> DE 1026142 A 19960701|
AN- <PR> DE 1026142 A 19960701|
FD- DE 19626142 A1 G06F-017/28|
LA- DE 19626142(21)|
AB- <BASIC> DE 19626142 A
The computer-aided **text** design system generates a required **text** using computer-generated **text** formats for assembly of the required **text** , with the logic of the **text** determined via logic models using **neural** networks.
The logic models may use feed-forward **neural** networks for checking the base structure of the **text** and the **text** partial structures.
USE - For **text** translation e.g. for **patent** , utility model, product description, user manuals etc..
ADVANTAGE - Reduced processing requirement and improved **text** quality.
Dwg.1/10|
DE- <TITLE TERMS> COMPUTER; AID; **TEXT** ; DESIGN; SYSTEM; LOGIC; MODEL; EMPLOY; **NEURAL** ; NETWORK; DETERMINE; LOGIC; ASSEMBLE; **TEXT** |
DC- T01|
IC- <MAIN> G06F-017/28|
MC- <EPI> T01-J14|
FS- EPI||

25/4/21 (Item 21 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1997-502638/199746|
XR- <XRPX> N97-419024|
TI- Adaptive statistical regression and classification of data strings e.g. for detecting computer virus - developing classifier that uses occurrence frequency of features in input string to classify string, and augmenting number of exemplars in default class with additional exemplars from outside classes|
PA- INT BUSINESS MACHINES CORP (IBMC)|
AU- <INVENTORS> KEPHART J O; SORKIN G B; TESAURO G J; WHITE S R|
NC- 001|
NP- 001|
PN- US 5675711 A 19971007 US 94242757 A 19940513 199746 B|
AN- <LOCAL> US 94242757 A 19940513|
AN- <PR> US 94242757 A 19940513|
FD- US 5675711 A G06E-001/00|
LA- US 5675711(13)|
AB- <BASIC> US 5675711 A
The data string is a sequence of atomic units of data that represent information. In the context of computer data, examples of data strings include executable programs, data files, and boot records consisting of sequences of bytes, or **text** files consisting of sequences of bytes or characters.
A set of classes, one of which is a default class is defined.
A labelled set of exemplars are provided from several classes.
A set of features, based on the exemplars, that are statistically likely to be relevant to the classification ar defined. A classifier that uses the occurrence frequency of the features in an input string to classify that string is developed. The number of exemplars in the

default class is augmented with additional exemplars chosen from outside the classes.

USE/ADVANTAGE - Technique can be applied to distinguishing files or boot records that are infected by computer viruses from files or boot records that are not infected. Also for reverse engineering to check for **patent** infringement by obtaining source code from machine code, but where particular compiler used for original compilation is unknown, and where program's author deliberately hides illegal infringement or virus writing, so that identification of machine code features specific to single compiler is necessary. Solves problem of automatically constructing classifier of data strings, i.e., constructing classifier which, given string, determines which of two or more class labels should be assigned to it. From set of string-class-label pairs, provides automated technique for extracting features of data strings that are relevant to classification decision, and automated technique for developing classifier which uses those features to classify correctly data strings in original examples and, with high accuracy, classify correctly novel data strings not contained in example set. Classifier is developed using adaptive or learning techniques from statistical regression and classification, such as, e.g., multi-layer **neural** networks.

Dwg.2/5|

DE- <TITLE TERMS> ADAPT; STATISTICAL; REGRESSION; CLASSIFY; DATA; STRING; DETECT; COMPUTER; VIRUS; DEVELOP; CLASSIFY; OCCUR; FREQUENCY; FEATURE; INPUT; STRING; CLASSIFY; STRING; AUGMENT; NUMBER; DEFAULT; CLASS; ADD; CLASS|

DC- T01|

IC- <MAIN> G06E-001/00|

IC- <ADDITIONAL> **G06F-015/18** |

MC- <EPI> T01-J03; **T01-J16C1** ; T01-J20B2A; T01-J20D|

FS- EPI||

25/4/22 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

IM- *Image available*

AA- 1997-232899/199721|

TI- Similar case search apparatus for e.g. general design problem, diagnostic problem - has attribute database which registers attribute information that includes weighing for every keyword of given example computed based on number table of examples|

PA- FUJITSU LTD (FUIT)|

NC- 001|

NP- 001|

PN- JP 9073464 A 19970318 JP 95229774 A 19950907 199721 B|

AN- <LOCAL> JP 95229774 A 19950907|

AN- <PR> JP 95229774 A 19950907|

FD- JP 9073464 A G06F-017/30|

LA- JP 9073464(10)|

AB- <BASIC> JP 9073464 A

The apparatus has keyword number table (5) which provides and registers a keyword number by extracting a keyword from the problem of a given example. The keyword number is matched to a case number provided in the given example. A keyword table (6) produces and registers the keyword number registered in the keyword number table. A number table of examples (8) registers a number for every keyword number extracted from the example, and a total for every category matched with a category number provided in a category table (7).

A calculator computes a weighing on the basis of the number table for examples. A case data base (9) registers the case number of the given example and the category number. An attribute database (10)

registers an attribute information that includes the weighing for every keyword of the given example for which it is obtained.
USE/ADVANTAGE - Also for category classification of automatic **classification** of books, IPC code providing **patent** reference. Performs similar search for new example as weighing is added to keyword of given example. Exactly measures similarity of attribute between examples expressed by natural **language** .
Dwg.1/11|
DE- <TITLE TERMS> SIMILAR; CASE; SEARCH; APPARATUS; GENERAL; DESIGN; PROBLEM; DIAGNOSE; PROBLEM; ATTRIBUTE; DATABASE; REGISTER; ATTRIBUTE; INFORMATION; WEIGH; KEYWORD; EXAMPLE; COMPUTATION; BASED; NUMBER; TABLE ; EXAMPLE|
DC- T01|
IC- <MAIN> G06F-017/30|
MC- <EPI> T01-J05B3|
FS- EPI||

25/4/23 (Item 23 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1996-310324/199632|
XR- <XRAM> C96-099198|
XR- <XRPX> N96-260764|
TI- Sieving unit, classifies difficult and sticky waste and organic materials - using rotating resilient finger discs on chain driven, parallel shafts mounted in low friction bearings for high efficiency, low wear and a self cleaning action|
PA- MOCK G (MOCK-I)|
AU- <INVENTORS> MOCK G|
NC- 001|
NP- 001|
PN- DE 19500022 A1 19960704 DE 1000022 A 19950102 199632 B|
AN- <LOCAL> DE 1000022 A 19950102|
AN- <PR> DE 1000022 A 19950102|
FD- DE 19500022 A1 B07B-001/08 Add to patent DE 4415815|
LA- DE 19500022(19)|
AB- <BASIC> DE 19500022 A
In the parent **patent** DE 4415815, the sieving unit **classifies** difficult wastes over one or more successive screens. It consists of parallel rotating shafts, on which are fixed star-shaped sieving discs with soft resilient fingers. These train behind the direction of rotation, crescent-shaped, like teeth or combs, which have a wiping-off action. In this patent of addition, a pair of such star discs, with an overall blunt conical aspect (viewed radially) are assembled base-to-base to form a sieve star. Several such stars are then set parallel and adjacent on each of the sieve shafts.
USE - A device to sieve or classify waste materials which are normally difficult to screen, for example household waste, building rubble, compost, peat, bark chippings, wood chips, humus and sticky soils.
ADVANTAGE - The device classifies difficult materials without interruption, including relatively wet materials. High efficiency is achieved, with low wear. The device loosens up, size reduces and mixes the material, and can be loaded heavily. A number of size fractions can be recovered directly, over a short sieving length. Long, thin pieces of wood will no longer peg the screen, but will be at least partly size reduced and classified. The device is, in effect, self cleaning. Further details of operation are covered in the **text** .
Dwg.1/11|
DE- <TITLE TERMS> SIEVE; UNIT; CLASSIFY; DIFFICULT; STICKY; WASTE; ORGANIC;

MATERIAL; ROTATING; RESILIENT; FINGER; DISC; CHAIN; DRIVE; PARALLEL; SHAFT; MOUNT; LOW; FRICTION; BEARING; HIGH; EFFICIENCY; LOW; WEAR; SELF ; CLEAN; ACTION|
DC- J01; P43|
IC- <MAIN> B07B-001/08|
IC- <ADDITIONAL> B07B-001/46|
MC- <CPI> J01-K04|
FS- CPI; EngPI||

25/4/24 (Item 24 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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IM- *Image available*
AA- 1995-200523/199526|
DX- <RELATED> 1996-485927; 1998-041607; 1998-480760; 1998-506261; 1999-059605; 2000-136771|
XR- <XRPX> N95-157489|
TI- Synchronisation and display method for manipulating text and image documents - involves extracting source text file to paginate with source image file to produce equivalent text file|
PA- WAVERLY HOLDINGS INC (WAVE-N); AURIGIN SYSTEMS INC (AURI-N); SMARTPATENTS INC (SMAR-N)|
AU- <INVENTORS> AHN D; FLORIO M P; JACKSON A; KURATA D; RAPPAPORT I S; RIVETTE K G|
NC- 058|
NP- 012|
PN- WO 9514280 A1 19950526 WO 94US13454 A 19941118 199526 B|
PN- AU 9512925 A 19950606 AU 9512925 A 19941118 199538
PN- EP 731948 A1 19960918 WO 94US13454 A 19941118 199642
<AN> EP 95904108 A 19941118
PN- US 5623681 A 19970422 US 93155752 A 19931119 199722
PN- JP 9505422 W 19970527 WO 94US13454 A 19941118 199731
<AN> JP 95514665 A 19941118
PN- BR 9408111 A 19970805 BR 948111 A 19941118 199738
<AN> WO 94US13454 A 19941118
PN- AU 688836 B 19980319 AU 9512925 A 19941118 199825
PN- AU 9871899 A 19980813 AU 9512925 A 19941118 199844
<AN> AU 9871899 A 19980616
PN- US 5845301 A 19981201 US 93155752 A 19931119 199904
<AN> US 96647230 A 19960509
PN- US 5991780 A 19991123 US 93155752 A 19931119 200002
<AN> US 96647230 A 19960509
<AN> US 9854537 A 19980403
PN- AU 712181 B 19991028 AU 9512925 A 19941118 200005
<AN> AU 9871899 A 19980616
PN- CN 1141093 A 19970122 CN 94194773 A 19941118 200047|
AN- <LOCAL> WO 94US13454 A 19941118; AU 9512925 A 19941118; WO 94US13454 A 19941118; EP 95904108 A 19941118; US 93155752 A 19931119; WO 94US13454 A 19941118; JP 95514665 A 19941118; BR 948111 A 19941118; WO 94US13454 A 19941118; AU 9512925 A 19941118; AU 9512925 A 19941118; AU 9871899 A 19980616; US 93155752 A 19931119; US 96647230 A 19960509; CN 94194773 A 19941118; US 93155752 A 19931119; US 96647230 A 19960509; US 9854537 A 19980403; AU 9512925 A 19941118; AU 9871899 A 19980616|
AN- <PR> US 93155752 A 19931119; US 96647230 A 19960509; US 9854537 A 19980403|
CT- 3.Jnl.Ref|
FD- WO 9514280 A1 G06F-017/30
<DS> (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN
<DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT

SD SE SZ
FD- AU 9512925 A G06F-017/30 Based on patent WO 9514280
FD- EP 731948 A1 G06F-017/30 Based on patent WO 9514280
<DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
FD- JP 9505422 W G06F-003/14 Based on patent WO 9514280
FD- BR 9408111 A G06F-017/30 Based on patent WO 9514280
FD- AU 688836 B G06F-017/30 Previous Publ. patent AU 9512925
Based on patent WO 9514280
FD- AU 9871899 A G06F-017/00 Div ex application AU 9512925
FD- US 5845301 A G06F-015/00 Div ex application US 93155752
Div ex patent US 5623681
FD- US 5991780 A G06F-015/00 Div ex application US 93155752
Cont of application US 96647230
Div ex patent US 5623681
Cont of patent US 5845301
FD- AU 712181 B G06F-017/00 Div ex application AU 9512925
Div ex patent AU 688836
Previous Publ. patent AU 9871899|
LA- WO 9514280(E<PG> 202); EP 731948(E<PG> 1); US 5623681(94); JP 9505422(216)|
DS- <NATIONAL> AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN|
DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; KE; LU; MC; MW; NL; OA; PT; SD; SE; SZ; LI|
AB- <BASIC> WO 9514280 A

The method involves extracting a source text file and a source image file from a storage medium. The source text file is paginated with the source image file of the document to produce an equivalent text file.

The equivalent text file and the source image file may be displayed on a monitor display. The equivalent text file may also be indexed to generate an index of words in the source text file.

ADVANTAGE - Allows very fast text searching using GUI.

Dwg.2/86|

AB- <US> US 5623681 A

A computer controlled display system including at least one central processing unit (CPU), said CPU coupled to a display for displaying a **patent** document and a **patent** image on said display, comprising:

(1) storage means coupled to said CPU for storing at least one **patent** document comprised of an equivalent text file, and at least one **patent** image document comprised of a **patent** image file, said equivalent text file including linking information that links at least one portion of said equivalent text file to at least one portion of said **patent** image file, said equivalent text file also including equivalency information detailing an equivalency relationship between said **patent** image file and a corresponding **patent** text file, said equivalency information comprising at least one of

(A) special character information specifying at least one mapping of a group of characters in said **patent** text file to a special character in said **patent** image file, and

(B) graphical item location information specifying locations in said **patent** image file of graphical items referred to in said **patent** text file, said graphical items including any combination of figures, figure elements, equations, non-text tables, structures and diagrams,

said **patent** image file being a data file having stored therein one or more image pages from a **patent** , each of said image pages being an electronic image of a page of said **patent** or a page of a document related to said **patent** , wherein said image pages are stored in a compressed format, said **patent** text file being a data file having stored therein ASCII text data representing at least a portion of textual data in said **patent** , including **patent** bibliography information and **patent** text paragraphs; and

(2) a user interface generated by said CPU for display by display means, said user interface selectively displaying said equivalent text file and said **patent** image file on said display, such that said equivalent text file is displayed in a first window and said **patent** image file is displayed in a second window and both of said windows may be selectively viewed simultaneously on said display.

Dwg.31/72|

DE- <TITLE TERMS> SYNCHRONISATION; DISPLAY; METHOD; MANIPULATE; TEXT; IMAGE ; DOCUMENT; EXTRACT; SOURCE; TEXT; FILE; SOURCE; IMAGE; FILE; PRODUCE; EQUIVALENT; TEXT; FILE|
DE- <ADDITIONAL WORDS> GRAPHICAL; USER; INTERFACE|
DC- T01|
IC- <MAIN> G06F-003/14; G06F-015/00; G06F-017/00; G06F-017/30|
MC- <EPI> T01-J05B1; T01-J11; T01-J12B; T01-J12D; **T01-J16A** |
FS- EPI||

25/4/25 (Item 25 from file: 350)
DIALOG(R)File 350:Derwent WPIX

IM- *Image available*
AA- 1994-057498/199407|
DX- <RELATED> 1989-294490; 1991-164394; 1991-325402; 1995-293257|
XR- <XRPX> N94-045242|
TI- Cytological specimen classifier in automated screening system - utilises neutral network in performance of classification function|
PA- NEUROMEDICAL SYSTEMS INC (NEUR-N)|
AU- <INVENTORS> CHABAN R; DOMES R; DULAK T; HALL T L; HERRIMAN J M; KNAPP J ; LUCK R L; PORZIO J; RUTENBERG M R|
NC- 001|
NP- 002|
PN- US 5287272 A 19940215 US 88179060 A 19880408 199407 B
<AN> US 89420105 A 19891011|
PN- US 5287272 B1 19960827 US 88179060 A 19880408 199640
<AN> US 89420105 A 19891011|
AN- <LOCAL> US 88179060 A 19880408; US 89420105 A 19891011; US 88179060 A 19880408; US 89420105 A 19891011|
AN- <PR> US 89420105 A 19891011; US 88179060 A 19880408|
FD- US 5287272 A G06F-015/18 CIP of application US 88179060
CIP of patent US 4965725
FD- US 5287272 B1 G06F-015/18 CIP of application US 88179060
CIP of patent US 4965725|
LA- US 5287272(16); US 5287272(3)|
AB- <BASIC> US 5287272 A

The cytological specimen classifier has a microscope for obtaining a view of at least part of a cytological specimen. A camera creates an image of the view. An image digitises produces a digital representation of the image. A primary classifier identifies objects in such digital representation based on a detectable features.

A secondary adaptive classifier recognises cells having patterns atypical of patterns in cells expected in the specimen among the objects identified by the primary classifier. A tertiary classifier detects atypical cells among the cells recognised by the secondary classifier. A high resolution colour monitor facilitate tertiary classification of cells recognised by the secondary adaptive classifier.

ADVANTAGE - Increases speed and accuracy of cervical smear analysis.

Dwg.1/3|

AB- <US> US 5287272 A

The cytological specimen classifier has a microscope for obtaining a view of at least part of a cytological specimen. A camera creates an

image of the view. An image digitises produces a digital representation of the image. A primary classifier identifies objects in such digital representation based on a detectable features.

A secondary adaptive classifier recognises cells having patterns atypical of patterns in cells expected in the specimen among the objects identified by the primary classifier. A tertiary classifier detects atypical cells among the cells recognised by the secondary classifier. A high resolution colour monitor facilitate tertiary classification of cells recognised by the secondary adaptive classifier.

ADVANTAGE - Increases speed and accuracy of cervical smear analysis.

(As a result of the re-examination request No.90/003817 filed 95.05.01; The **patentability** of claims 1-27 is confirmed. New claims 28-41 are added and determined to be **patentable** .)

(Dwg.1/1|

DE- <TITLE TERMS> CYTOLOGIC; SPECIMEN; CLASSIFY; AUTOMATIC; SCREEN; SYSTEM; UTILISE; NEUTRAL; NETWORK; PERFORMANCE; CLASSIFY; FUNCTION|
DE- <ADDITIONAL WORDS> CERVICAL; SMEAR; TEST|
DC- S02; S03; S05|
IC- <MAIN> **G06F-015/18** |
IC- <ADDITIONAL> G06F-015/42; G06K-009/62|
MC- <EPI> S02-J04B1; S03-E04X; S03-E14H9; S05-C09|
FS- EPI||

25/4/26 (Item 26 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

AA- 1994-027271/199404|
XR- <XRPX> N94-021110|
TI- Pyrolytic self-cleaning method for oven - Has sensor in cooking space to ascertain degree of contamination and fuzzy logic to control pyrolytic process|
PA- BOSCH SIEMENS HAUSGERAETE GMBH (BOSC); BOSCH-SIEMENS HAUSGERAETE GMBH (BOSC)|
AU- <INVENTORS> HAS U|
NC- 003|
NP- 003|
PN- DE 4223656 A1 19940120 DE 4223656 A 19920717 199404 B|
PN- FR 2693790 A1 19940121 FR 938771 A 19930716 199408
PN- US 5386099 A 19950131 US 9393387 A 19930719 199511|
AN- <LOCAL> DE 4223656 A 19920717; FR 938771 A 19930716; US 9393387 A 19930719|
AN- <PR> DE 4223656 A 19920717|
FD- DE 4223656 A1 F24C-014/02
FD- US 5386099 A F24C-014/02
FD- FR 2693790 A1 F24C-014/02|
LA- DE 4223656(6); US 5386099(7)|
AB- <BASIC> DE 4223656 A

The **patent** describes a pyrolytic self-cleaning procedure for ovens whose muffle is operated by a wall-mounted heating element with additional heating by circulating air. The latter comes form a fan. There is a sensor in the cooking chamber to ascertain the degree of contamination and to initiate the self-cleaning process. There is an on-line optimisation of the necessary cleaning temp. up to about 500 deg C, using the principles of fuzzy logic so that heating peaks are avoided. Depending on the temp. oscillations, the heating is switched in or out. The whole procedure is microprocessor-controlled.

ADVANTAGE- Works at an almost constant pyrolysing temp.

Dwg.0/3|

AB- <US> US 5386099 A

The pyrolytic self-cleaning method for stoves, comprises on-line optimising a definable pyrolysis temperature range up to approximately 500 deg.C by: fuzzy-controlling a transient state for a temperature starting value with a regulator to avoid a heating startup peak with a fuzzy control step. It involves recognising subsiding of the transient state and initialising heating time which is optimised with reference to the fuzzy control step, with the regulator.

It involves updating, with the regulator, a minimum heating time for the next control step on the basis of particular temperature gradient being recognised, while constantly monitoring an optimal turn-on temperature for pyrolytic oven chamber heating at a minimum heating time referred to an applicable control step. It involves continuously optimising turn-off temperature with teh regulator through a closed control loop.

USE/ADVANTAGE - Optimising a turn-off temperature and correlating it with a minimum heating time in signal interaction.

Dwg.3/4|

DE- <TITLE TERMS> PYROLYSIS; SELF; CLEAN; METHOD; OVEN; SENSE; COOK; SPACE; ASCERTAIN; DEGREE; CONTAMINATE; FUZZ; LOGIC; CONTROL; PYROLYSIS; PROCESS|
DC- Q74; T01; T06; X27|
IC- <MAIN> F24C-014/02|
MC- <EPI> T01-J08; **T01-J16B** ; T06-A05A1; X27-C05; X27-G02|
FS- EPI; EngPI||

25/4/27 (Item 27 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1994-007771/199401|
XR- <XRPX> N94-006282|
TI- Automated method for checking **patent** applications - using set of **patent** disclosure drafting rules to check **patent** disclosure in digital form|
PA- MOFFA E (MOFF-I)|
AU- <INVENTORS> MOFFA E|
NC- 042|
NP- 006|
PN- WO 9325974 A1 19931223 WO 93US5561 A 19930610 199401 B|
PN- AU 9345320 A 19940104 AU 9345320 A 19930610 199417
PN- EP 645036 A1 19950329 EP 93915284 A 19930610 199517
<AN> WO 93US5561 A 19930610
PN- EP 645036 A4 19950628 EP 93915284 A 199617
PN- EP 645036 B1 20000510 EP 93915284 A 19930610 200027
<AN> WO 93US5561 A 19930610
PN- DE 69328621 E 20000615 DE 628621 A 19930610 200036
<AN> EP 93915284 A 19930610
<AN> WO 93US5561 A 19930610|
AN- <LOCAL> WO 93US5561 A 19930610; AU 9345320 A 19930610; EP 93915284 A 19930610; WO 93US5561 A 19930610; EP 93915284 A ; DE 628621 A 19930610; EP 93915284 A 19930610; WO 93US5561 A 19930610; EP 93915284 A 19930610; WO 93US5561 A 19930610|
AN- <PR> US 92897362 A 19920611|
CT- 2.Jnl.Ref; US 4773009; EP 241646; EP 287713; EP 361820|
FD- WO 9325974 A1 G06F-015/38
<DS> (National): AU BB BG BR CA CZ FI HU JP KP KR LK MG MN MW NO NZ PL RO RU SD SK UA VN
<DS> (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL OA PT SE
FD- AU 9345320 A G06F-015/38 Based on patent WO 9325974
FD- EP 645036 A1 G06F-015/38 Based on patent WO 9325974
<DS> (Regional): AT BE CH DE DK ES FR GB IE IT LI NL

FD- EP 645036 B1 G06F-017/27 Based on patent WO 9325974
<DS> (Regional): AT BE CH DE DK ES FR GB IE IT LI NL
FD- DE 69328621 E G06F-017/27 Based on patent EP 645036
Based on patent WO 9325974|
LA- WO 9325974(70); EP 645036(E<PG> 2); EP 645036(E)|
DS- <NATIONAL> AU BB BG BR CA CZ FI HU JP KP KR LK MG MN MW NO NZ PL RO RU SD SK UA VN|
DS- <REGIONAL> AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; OA; PT; SE; LI|
AB- <BASIC> WO 9325974 A
The method involves identifying subgps. of serial characters which relate to each other from within serial gp. of characters. The subgps. are checked for consistency of relation with regard to drafting rules (1700). Reference characters are also checked for consistency.
A **patent** application is checked for all required parts. Inconsistency among elements for a selected character is checked, together with claim section and the number of claims, with proper dependency. A recited hierarchical relationship is used to build a claim structure for checking antecedent basis for a family of claims. Elements needing antecedent basis are isolated and checked against recited potential antecedents appearing in the proper order. Claim elements lacking antecedents are reported to the user.
ADVANTAGE - User controls level of verbosity and amt. of error reporting for each error type.
Dwg.1/15|
DE- <TITLE TERMS> AUTOMATIC; METHOD; CHECK; **PATENT** ; APPLY; SET; **PATENT** ; DISCLOSE; DRAFT; RULE; CHECK; **PATENT** ; DISCLOSE; DIGITAL; FORM|
DC- T01|
IC- <MAIN> G06F-015/38; G06F-017/27|
IC- <ADDITIONAL> G06F-017/60|
MC- <EPI> T01-J09; T01-J11; **T01-J16A** |
FS- EPI||

25/4/28 (Item 28 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1992-355451/199243|
XR- <XRPX> N92-270704|
TI- Computerised data retrieval system for subject based research - accesses library databases via national and international switched telephone networks|
PA- KONINK NEDERLAND PTT NV (NEPO)|
AU- <INVENTORS> TULP A J|
NC- 001|
NP- 001|
PN- NL 9100425 A 19921001 NL 91425 A 19910308 199243 B|
AN- <LOCAL> NL 91425 A 19910308|
AN- <PR> NL 91425 A 19910308|
FD- NL 9100425 A G06F-015/16|
LA- NL 9100425(18)|
AB- <BASIC> NL 9100425 A
The data retrieval **terminal** can be linked via the switched telephone network (T) to a nubmer of remote computer systems (H/D) which act as databases, e.g. **patent indexes** , library **indexes** , etc. The **terminal** consists of a telephone network interface (HDI), data preocessor (CTR), VDO and keyboard, and a number of dedicated memory units.
The memory units include: a primary data memory (DPM) used to hold the search data, e.g. keywords and response data; a thesaurus memory (TM) to aid and broaden the search; a memory (SRM) to hold the data

selection rules for the search and a memory (UPM) which holds the user profile data to enable the database stations to idenity the user.
Dwg. 1/1|
DE- <TITLE TERMS> COMPUTER; DATA; RETRIEVAL; SYSTEM; SUBJECT; BASED; RESEARCH; ACCESS; LIBRARY; NATION; INTERNATIONAL; SWITCH; TELEPHONE; NETWORK|
DC- T01; W01|
IC- <MAIN> G06F-015/16|
MC- <EPI> T01-J05B4; T01-J08C; T01-M02A1; W01-C05B3|
FS- EPI||

25/4/29 (Item 29 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

IM- *Image available*
AA- 1990-269139/199036|
XR- <XRPX> N90-208340|
TI- Optical character recognition system - scans document to produce image, identifies edges and edge paths and processes data to produce data representative of characters in image|
PA- HEWLETT-PACKARD LTD (HEWP); HEWLETT-PACKARD CO (HEWP)|
AU- <INVENTORS> ROBSON C J; SMITH R W|
NC- 001|
NP- 002|
PN- EP 385009 A 19900905 EP 89302122 A 19890303 199036 B|
PN- US 5583949 A 19961210 US 89373137 A 19890628 199704
<AN> US 92956593 A 19921005
<AN> US 95468517 A 19950606|
AN- <LOCAL> EP 89302122 A 19890303; US 89373137 A 19890628; US 92956593 A 19921005; US 95468517 A 19950606|
AN- <PR> EP 89302122 A 19890303|
CT- 7.Jnl.Ref; US 3925760; US 4213150; US 4680805|
FD- US 5583949 A G06K-009/48 Cont of application US 89373137
Cont of application US 92956593|
LA- US 5583949(31)|
DS- <REGIONAL> AT; DE; ES; FR; GB; IT|
AB- <BASIC> EP 385009 A
The system has scanner (10) for scanning a document and an edge extractor (11). The edge extractor identifies edges in the image produced by the scanner to give an outline of each object identified in the image. A segmentation facility (15) groups the object outlines into blocks.
The features of the outlines are identified and a final **classification** **Patent** No: - 385009 stage (16) provides data in an appropriate format representative of characters in the image.
ADVANTAGE - Able to read any colour of **text** on background of any colour. Provides discrimination between **text** and non- **text** , and obtains **text** and images from page in one scan (41pp Dwg.No.1/31)|
AB- <US> US 5583949 A
An optical character recognition system comprising:
scanning means for optically scanning a document to produce a grey level image thereof;
edge extractor means comprising:
identifier means for identifying points along an edge within said grey level image using grey level values so that said points so identified represent substantially the strongest edge;
tracking means for automatically tracking the edge using grey level values to determine if the edge forms a closed loop and if so defining the edge as an outline,
said identifier means identifying alternate points of the edge if the edge does not form a closed loop and said tracking means

automatically tracking an alternate edge associated with said alternate points together with at least some of said points on said strongest edge and determining whether the alternate edge forms a closed loop and if so defining the alternate edge as the outline; and

means for producing data indicative of an object based on at least one outline identified in said image, each outline comprising at least a part of one character; and

processing means for processing the data provided by said edge extractor means to produce an output representative of the characters in said image.

(Dwg.2a,b/

3 1)|

DE- <TITLE TERMS> OPTICAL; CHARACTER; RECOGNISE; SYSTEM; SCAN; DOCUMENT; PRODUCE; IMAGE; IDENTIFY; EDGE; EDGE; PATH; PROCESS; DATA; PRODUCE; DATA; REPRESENT; CHARACTER; IMAGE|
DC- T01; T04|
IC- <MAIN> G06K-009/48|
IC- <ADDITIONAL> G06F-015/62|
MC- <EPI> T01-J10; T04-D|
FS- EPI||

25/4/30 (Item 30 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

AA- 1987-297444/198742|
XR- <XRAM> C87-126766|
TI- Unbalanced fabric finishing type determn. method - by calculating generalised index from formula for each type of finishing|
PA- MIN LIGHT IND CENT (LIGH-R)|
AU- <INVENTORS> LANTSMAN Y A G; POPOVSKII A U|
NC- 001|
NP- 001|
PN- SU 1298276 A 19870323 SU 3909215 A 19850408 198742 B|
AN- <LOCAL> SU 3909215 A 19850408|
AN- <PR> SU 3909215 A 19850408|
FD- SU 1298276 A |
LA- SU 1298276(3)|
AB- <BASIC> SU 1298276 A

The method is carried out by fabric inspection and external defects estimation on a scale and finishing type determn. The quality is increased since for each type of finishing the supposed ready fabric quality generalised index is detd. from kok = sum between i = 1 and n (AiNi +Ci)/Lc(1-(Yr/100)) where **Ai** is the fabric ith defect 'closing' coefft., Ni is the ith defect scale estimation, Ci is correcting constant, Lc is the fabric piece length, M, Yt is the fabric technological shrinkage during finishing %. The value kok is compared with permissible scale value according to the type and the finishing type is chosen. The values **Ai** and Ci are chosen from the table given in the **patent** .

USE - The method is used in **textile** industry for type of finishing selection. Bul.11/23.3.87.

Dwg.0/0|

DE- <TITLE TERMS> UNBALANCE; FABRIC; FINISH; TYPE; DETERMINE; METHOD; CALCULATE; GENERAL; INDEX; FORMULA; TYPE; FINISH|
DC- F06|
IC- <ADDITIONAL> D06H-001/00; D06H-003/00|
MC- <CPI> F03-K02|
FS- CPI||

25/4/31 (Item 31 from file: 350)

DIALOG(R)File 350:Derwent WPIX

AA- 1979-47274B/197926|
TI- Spinning turbine monitor - responding to rotor unbalance for thread breakage and other irregularities|
PA- TELDIX GMBH (TEDX)|
AU- <INVENTORS> SCHUMANN F; WEHDE H; WULFHORST B|
NC- 002|
NP- 002|
PN- DE 2755624 A 19790621 197926 B|
PN- US 4209778 A 19800624 198028|
AN- <PR> DE 2755624 A 19771214; DE 657525 A 19790111|
AB- <BASIC> DE 2755624 A
A broken thread detector for a **textile** spinning turbine which is based on radial deflections caused by rotor unbalance was described in the Parent **Patent** . The **evaluation** circuit has now been designed to respond to any absence and/or change of the signal with the frequency corresp. to the unbalance. It generates an output signal which is evaluated to indicate a broken thread or an abnormal quality factor.
The simple monitoring function of the Parent Patent is used for the detection of other irregularities beyond a thread rupture|
DE- <TITLE TERMS> SPIN; TURBINE; MONITOR; RESPOND; ROTOR; UNBALANCE; THREAD ; BREAK; IRREGULAR|
DC- F01|
IC- <ADDITIONAL> D01H-013/22; G08B-021/00|
MC- <CPI> F01-G05; F01-H03B|
FS- CPI||

25/4/32 (Item 32 from file: 350)
DIALOG(R)File 350:Derwent WPIX

AA- 1976-C2178X/197610|
TI- Adaptive holographic micro-film search system - has reference-forming circuit with logic, storage and lasers|
PA- VASILENKO G I (VASI-I)|
NC- 001|
NP- 001|
PN- SU 444196 A 19750730 197610 B|
AN- <PR> SU 1812477 A 19720718|
AB- <BASIC> SU 444196 A
Proposed is an information search system which without human intervention can use Key **Words** to trace required data, stored on micro-film, accurately and quickly. The system contains an input (1), logic circuit (2) micro-film store (3), reference memory (4) reference-forming circuit (5), a programmer (6) for switching a laser beam, optical radiation source (7), lamp (8), a semi-transparent mirror (9), analysing lens (10), micro-film (11), tape-transport (12), semi-transparent mirror (13), reference matrix (14), mapping lens (15), recorder (16), television camera (17), mapping circuit (18) and a copier (19). The user introduces several key **words** , such as the title of a paper and the author's name, into the logic (2) by the input (1) and the possible **Classes** in the decimal or international **Patent Classifications** are identified. The micro-films are searched accordingly and the selections are placed in the tape transport (12).|
DE- <TITLE TERMS> ADAPT; HOLOGRAM; MICRO; FILM; SEARCH; SYSTEM; REFERENCE; FORMING; CIRCUIT; LOGIC; STORAGE; LASER|
DC- T01|
IC- <ADDITIONAL> G06F-015/40|
FS- EPI||

25/4/33 (Item 33 from file: 350)
DIALOG(R)File 350:Derwent WPIX

AA- 1975-26191W/197516|
TI- Gas conditioner and analyser - with separate outlets from detector chamber for liquid and gas|
PA- GENERAL ELECTRIC CO (GENE)|
NC- 004|
NP- 005|
PN- DE 2445952 A 19750410 197516 B|
PN- US 3890100 A 19750617 197526
PN- FR 2245942 A 19750530 197527
PN- IT 1046819 B 19800731 198046
PN- DE 2445952 C 19830421 198317|
AN- <PR> US 73401953 A 19730928|
AB- <BASIC> DE 2445952 A
The parent **patent** describes a gas conditioner and **analyzer** which includes a detector chamber with a liquid reservoir and a gas detector, a regulating chamber with a liquid level control valve, a flame control chamber and a vacuum exhauster for the gas sample. In the patent of addn. the detector chamber has a separate liquid outlet which passes the liquid (water) to the regulating chamber. A separate gas outlet passes the gas to the flame control chamber for the liquid-submerged outlet. This system combines a short response time (under 10 sec) for gas concentration changes with a positive flame detonation barrier. It provides a steady and reliable gas analysis of moist and dry gas samples. This system is used pref. for C2 or H2 analysis for nuclear fission reactors.|
DE- <TITLE TERMS> GAS; CONDITION; ANALYSE; SEPARATE; OUTLET; DETECT; CHAMBER; LIQUID; GAS|
DC- J04; K05; Q66; S03|
IC- <ADDITIONAL> F16K-017/00; G01N-001/22; G01N-027/00; G01N-031/12; G21C-017/00|
MC- <CPI> J04-C04; K05-B07; K06-X|
FS- CPI; EPI; EngPI||

25/4/34 (Item 1 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- INTELLECTUAL PROPERTY RIGHT TRANSACTION SYSTEM AND METHOD
PN- 2001-306852 -JP 2001306852 A-
PD- November 02, 2001 (20011102)
AU- EBINE HIROSHI
PA- NEC CORP
AN- 2000-116170 -JP 2000116170-
AN- 2000-116170 -JP 2000116170-
AD- April 18, 2000 (20000418)
G06F-017/60
AB- PROBLEM TO BE SOLVED: To provide an intellectual property right transaction system and its method, by which conveyance or even the negotiation of a license is performed via a public network such as the Internet. SOLUTION: An **intellectual property** right transaction processing server 1 **analyzes** E-mail contents by an E-mail contents analyzing part 15, generates a contract based on a user database 13 and an intellectual property right information database 14 by a contract generating part 17 when the establishment of the contract is indicated and transmits the generated contract to both of an intellectual property right possessor and a license desiring person by a transmission/reception managing part 11. COPYRIGHT: (C)2001,JPO

25/4/35 (Item 2 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- METHOD AND DEVICE FOR **PATENT** **CLASSIFICATION** RETRIEVAL AND RECORDING MEDIUM
PN- 2001-052008 -JP 2001052008 A-
PD- February 23, 2001 (20010223)
AU- OKA AKIHIRO
PA- OKA AKIHIRO
AN- 11-223921 -JP 99223921-
AN- 11-223921 -JP 99223921-
AD- August 06, 1999 (19990806)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To input a **patent** **classification** code to display the progress of revision of this classification code. SOLUTION: An input code is retrieved in one version. When retrieval is not successful, it is **terminated** ; but when retrieval is successful, a classification code to be a source or a destination is retrieved in a correspondence table on the side of an adjacent old version or a new version to obtain a correspondence code, and correspondence codes to be the source and the destination are retrieved in respective corresponding correspondence tables, and retrieval is repeated to display the input code, correspondence codes, version numbers of versions where they exist. They are displayed as a classification progress table in a list. COPYRIGHT: (C)2001,JPO

25/4/36 (Item 3 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- METHOD AND DEVICE FOR RETRIEVING DOCUMENT
PN- 2000-339342 -JP 2000339342 A-
PD- December 08, 2000 (20001208)
AU- DEWA TATSUYA
PA- TOSHIBA CORP
AN- 11-152539 -JP 99152539-
AN- 11-152539 -JP 99152539-
AD- May 31, 1999 (19990531)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To retrieve a similar document with high precision by retrieving a document based on first **words** and phrases extracted from a main configuration element, the second ones extracted from the configuration element except the first one and a retrieval request. SOLUTION: Before retrieving the similar document, a control part 202 creates an index by extracting the **words** and phrases of a patent specification from a document storing part 211 by an index creating part 204. In this case, a basic **word** extracting part 206 extracts the index **words** and phrases from the **sentence** of a 'patent demand range' in the specification by morpheme analysis. An extension **word** extracting part 207 takes out the **sentence** of an 'invention executing form', extracts the **words** and phrases extending the index **words** and phrases and stores it in an **index** storing part 209. When the **patent** specification being an object is inputted, a document retrieving part 208 refers to the **words** and phrases extracted from the specification and the stored index and calculates a similarity degree between the specification and each document stored in the storing part 209. The control part 202 shows the specification list with a high similarity degree to the user from an output part 201. COPYRIGHT: (C)2000,JPO

25/4/37 (Item 4 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- METHOD AND DEVICE FOR CLASSIFYING AND SELECTING DOCUMENT AND RECORDING MEDIUM
PN- 2000-322447 -JP 2000322447 A-
PD- November 24, 2000 (20001124)
AU- OKA AKIHIRO; KOBAYASHI NORIO
PA- OKA AKIHIRO
AN- 11-134673 -JP 99134673-
AN- 11-134673 -JP 99134673-
AD- May 14, 1999 (19990514)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To select an optimum classification by speedily checking it from the classification of high probability for an inputted **classification** such as **patent classification** and an adjacent **classification** to be suitable for the contents of a document to be retrieved by inputting this classification. SOLUTION: A document data base storing documents, to which classifications are applied, is prepared (a), a corresponding document is retrieved from the document data base by electing the classification (b), the retrieved document is displayed with prescribed ranking (c), it is decided whether the classification is suitable or not by checking the displayed document (d) and when the classification is suitable, operation is finished but when it is not suitable, processes (b)-(d) are repeated while changing the classification to be selected. Ranking is performed by distinguishing documents into document to which only one selected classification is applied, document applied to a top and document applied to any part excepting for top. When selecting the optimum classification by inputting a **word** to the classification, a classification data base storing classifications and classification definitions is further prepared, the classification including the inputted **word** in the classification definition is retrieved from the classification data base, the classification is selected and the document is retrieved. COPYRIGHT: (C)2000,JPO

25/4/38 (Item 5 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- METHOD AND DEVICE FOR **ANALYZING** QUOTED DOCUMENT OF **PATENT** INFORMATION OR THE LIKE
PN- 2000-148789 -JP 2000148789 A-
PD- May 30, 2000 (20000530)
AU- ARAI KIMIO
PA- INPATEKKU KK
AN- 10-330205 -JP 98330205-
AN- 10-330205 -JP 98330205-
AD- November 05, 1998 (19981105)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To improve the efficiency and precision of analyzing operation by repeating operation for extracting a secondary quoted document for a primary quoted document after extracting the primary quoted document for information under specific conditions, and generating a specific list according to those quoted documents. SOLUTION: When a personal computer is powered on, a program starts (S101) to display a menu picture on a CRT (S102). When quoted document retrieval is selected, a condition setting picture appears and various conditions for quoted document retrieval are inputted and set (S103). Then all quoted documents up to an (n)th-order quoted document which is inputted and set are extracted from many patent

information groups in, for example, a CD-ROM patent official report (S104). Then it is judged that all the documents need to be listed (S105) and when so, a list of all the extracted quoted documents is generated (S106), outputted (S107), and displayed on the CRT. COPYRIGHT: (C)2000,JPO

25/4/39 (Item 6 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- AUTOMATIC ANALYSIS DEVICE FOR NOVELTY OF PATENT INFORMATION
PN- 2000-132569 -JP 2000132569 A-
PD- May 12, 2000 (20000512)
AU- ARAI KIMIO
PA- INPATEKKU KK
AN- 10-319970 -JP 98319970-
AN- 10-319970 -JP 98319970-
AD- October 23, 1998 (19981023)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To provide an automatic analysis device for novelty of **patent** information, which automatically **analyzes** the novelty and the progressivenese of a specified patent information formed of invention contrivance to be applied and an applied patent application. SOLUTION: An input means inputting various data on a specified patent information formed of applied patent information and patent information on invention contrivance which is to be applied from now on, an information storage means which is provided with a prescribed storage medium and stores plural pieces of patent information data in the medium, and a control means retrieving keyword data from the patent information group of the information storage means, ranking keywords in accordance with the retrieval hit number of keyword data from the patent information group of the information storage means based on various pieces of data inputted by the input means and **analyzing** the novelty of a specified **patent** information based on the ranked keyword are installed. COPYRIGHT: (C)2000,JPO

25/4/40 (Item 7 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- INFORMATION RETRIEVING METHOD, INFORMATION AUTOMATIC CLASSIFYING METHOD, AND INFORMATION ANALYZING METHOD
PN- 11-353313 -JP 11353313 A-
PD- December 24, 1999 (19991224)
AU- KIM JEON JOON; KOO BON KON
PA- LG ELECTRONICS INC
AN- 11-143270 -JP 99143270-
AN- 11-143270 -JP 99143270-
AD- May 24, 1999 (19990524)
PR- 9818689 [KR 18689], KR (Korea) Republic of, May 23, 1998 (19980523)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To retrieve and analyze information by making good use of a data base system and to display the information out on a screen in a variety of styles that a user desires by classifying the retrieved information according to classification fields and storing the classified information in the data base of the user. SOLUTION: A classifying program 41 executed by a central processor 40 classifies information read sequentially out of a disk loaded in a CD-ROM drive 50. Namely, the classifying program 41 confirms whether or not there is a specific classification field in each pieces of information read out of the disk and selects at least one classification field. Once classification fields are selected, words

and a document having regularity are detected according to them and classification is carried out on the basis of them. Then items of a solution subject and a solving means are extracted as a **classification** field and **patent** information data having contents reconstituted are stored in a hard disk drive 30. COPYRIGHT: (C)1999,JPO

25/4/41 (Item 8 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- SYSTEM FOR AUTOMATICALLY GENERATING PATENT ABSTRACT
PN- 11-085799 -JP 11085799 A-
PD- March 30, 1999 (19990330)
AU- SAEGUSA SHIGEKI
PA- NEC CORP
AN- 09-257601 -JP 97257601-
AN- 09-257601 -JP 97257601-
AD- September 05, 1997 (19970905)
G06F-017/30
AB- PROBLEM TO BE SOLVED: To provide an automatic patent abstract generation system for reducing the load of a retrieval processing and a view recognition processing by automatically generating and preserving an abstract from a patent document at the time of a file wrapper generation processing. SOLUTION: A **patent** document storage means 102 **classifying** the **patent** documents inputted to a **terminal** equipment into the documents of an application, a specification, a summary and a drawing and storing them in a patent file wrapper data base 104 and a patent abstract storage means 103 extracting prescribed information from application, summary and drawing information, which are outputted from the patent document storage means, automatically generating the patent abstract and registering the generated patent abstract to the patent file wrapper data base 104 are provided. COPYRIGHT: (C)1999,JPO

25/4/42 (Item 9 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- TWO-WAY PARTICIPATION TYPE DATA COMMUNICATION SYSTEM
PN- 10-126408 -JP 10126408 A-
PD- May 15, 1998 (19980515)
AU- IZUMI KUNIAKI; KANESHIRO ISAO; TSUGARU RYOSUKE
PA- GREEN NET KK [000000] (A Japanese Company or Corporation), JP (Japan)
AN- 08-275111 -JP 96275111-
AN- 08-275111 -JP 96275111-
AD- October 17, 1996 (19961017)
IC- -6- H04L-012/18; G06F-012/00; G06F-017/30
CL- 44.3 (COMMUNICATION -- Telegraphy); 44.2 (COMMUNICATION -- Transmission Systems); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)
AB- PROBLEM TO BE SOLVED: To provide the two-way participation type data communication system that places emphasis on **evaluation** /comment information relating to **patent** technology information and on article information/personal information or the like relating to the patent technology in the user participation two-way communication environment that places emphasis not only on retrieval of the patent technology information but also provides an added value to the information itself.

SOLUTION: The system is provided with a server 7 that is connected to a plurality of personal computer **terminal** 4 to enter a prescribed retrieval condition via the Internet 2, retrieves existing data in

response to a prescribed retrieval condition and provides an output of the existing data to a plurality of the personal computer **terminals** . A personal data storage section is provided, which stores personal data entered from a plurality of the personal computer **terminals** 4 in cross reference with the existing data. A plurality of the personal computer **terminals** 4 are provided to browse and write personal data with each other via the personal data storage section. Thus, a plurality of the personal computer **terminals** 4 forms a forum on the Internet 2 through the use of the existing data by browsing and writing the personal data linked with the existing data.

25/4/43 (Item 10 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- SYSTEM AND METHOD FOR **ANALYZING** AND MANAGING **PATENT** DATA
PN- 09-070390 -JP 9070390 A-
PD- March 18, 1997 (19970318)
AU- YOKOTA JUNICHIRO; ISHIMARU MASAYUKI
PA- FUKUDA DENSHI CO LTD [399831] (A Japanese Company or Corporation), JP (Japan)
AN- 07-228953 -JP 95228953-
AN- 07-228953 -JP 95228953-
AD- September 06, 1995 (19950906)
IC- -6- A61B-005/00
CL- 28.2 (SANITATION -- Medical)
KW- R002 (LASERS)
AB- PROBLEM TO BE SOLVED: To output a processing result by giving and receiving the data before and after the movement of a specific patient between the patient and a collection device and preserving and discarding them according to the confirmation result to collectively manage the same as continuous data.

SOLUTION: Data are given and received between the systems 300, 400 of both of an emergency treatment chamber and an examination chamber and a network adapter and transmitted to a server system 800 through a network 900 and the analysis result is returned to the respective systems as a unified format. A patient ID is inputted from a nurse station 700 to be recorded as examination and recipe data at every patient. Since the data can be read in a time series manner to be outputted and unsuitable data can be removed in a collection stage and collected data high in accuracy is stored. Further, the treatment state to the patient can be confirmed from the server system 800 or the nurse station 700 in matching relation to the movement of the patient and the execution commands of various treatments can be inputted from a medical office station 600 to be registered and the states and treatment results of the patient can be displayed on the same time-axis.

25/4/44 (Item 11 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- INFORMATION RETRIEVING METHOD AND SYSTEM
PN- 06-139291 -JP 6139291 A-
PD- May 20, 1994 (19940520)
AU- AOSHIMA TOSHIHISA; UEHARA TETSUZO; TONO JUNICHI
PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
AN- 04-292515 -JP 92292515-
AN- 04-292515 -JP 92292515-
AD- October 30, 1992 (19921030)
IC- -5- G06F-015/40

CL- 45.4 (INFORMATION PROCESSING -- Computer Applications); 42.5 (ELECTRONICS -- Equipment)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
SO- Section: P, Section No. 1789, Vol. 18, No. 445, Pg. 2, August 18, 1994 (19940818)
AB- PURPOSE: To early distribute information matching with condition requested by a user to a designated department by performing a high speed retrieval by a previouly registered retrieval condition to the information sequentially offered by an electronic large capacity storage medium such as a CD-ROM.

CONSTITUTION: At the time of loading the recording medium such as the CD-ROM including the information to be retrieved on an access device 106 of the recording medium, secondary information extracted from the information to be retrieved is separately stored and held in a high speed storage device 208 such as a hard disk. At first, a condition retrieval related with secondary information 105b held in the high speed storage device 208 is executed, and then the condition retrieval related with the content of the information suited to the retrieval is executed. At that time, when the information to be retrieved is, for instance, the document of a patent public information, the secondary information is document information such as a **patent** open number, **patent** international **classification** code, or applicant code, and the secondary information sometimes includes the key **word** a specific range such as the name of a specification summary part, and request item of a patent description. The retrieved result is transmitted to a preliminarily registered place by an FAX transmission or an electronic mail transmission.

25/4/45 (Item 12 from file: 347)
FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- DOCUMENT RETRIEVAL SUPPORT SYSTEM
PN- 05-128152 -JP 5128152 A-
PD- May 25, 1993 (19930525)
AU- AOSHIMA TOSHIHISA
PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
AN- 03-289750 -JP 91289750-
AN- 03-289750 -JP 91289750-
AD- November 06, 1991 (19911106)
IC- -5- G06F-015/40
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
SO- Section: P, Section No. 1611, Vol. 17, No. 505, Pg. 4, September 10, 1993 (19930910)
AB- PURPOSE: To improve efficiently in document retrieval with a key **word** by obtaining a classification code of the document corresponding to the key **word** by referring to a registered correspondence table and then retrieving the document with the extracted classification code.

CONSTITUTION: Assuming that a retrieval-object document is a patent specification. A correspondence table 106 on **patent** international **classification** codes and key **words** is registered in advance. The key **word** of a patent which a user wants to retrieve and the retrieval period indicating the time range in which the patent is announced are inputted. A **patent** international **classification** code corresponding to the inputted key **word** is extracted by referring to the correspondence table 106. The classification code corresponding to the inputted one or ore key **words** in the correspondence table 106 is obtained. By referring to the content of a journal data 107 about the patents announced in the retrieval period previously specified, the announcement number of the **patent**

attached with the extracted **classification** code is extracted for displaying a data table (104). Then, one or more patents are selected and extracted out of a patent specification data 108.

25/4/46 (Item 13 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- **PATENT** DOCUMENT **CLASSIFYING** DEVICE
PN- 04-106664 -JP 4106664 A-
PD- April 08, 1992 (19920408)
AU- TAKAHASHI MASAHITO
PA- MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
AN- 02-225589 -JP 90225589-
AN- 02-225589 -JP 90225589-
AD- August 28, 1990 (19900828)
IC- -5- G06F-015/40
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications)
SO- Section: P, Section No. 1393, Vol. 16, No. 348, Pg. 123, July 28, 1992 (19920728)
AB- PURPOSE: To register each patent document in a prescribed storing place in an external storing means by fields of specialization by detecting **words** which are considered to be technical **terms** from each patent document and discriminating the field of specialization of each patent document by collating the detected **words** with one or more technical **term** dictionaries.

CONSTITUTION: A technical **term** candidate detecting section 5 retrieves a basic **word** dictionary 6 for all **words** contained in a patent document stored in a patent document storing section 4 and the **words** which are not contained in the dictionary 6 are stored in a technical **term** candidate storing sections 7. A field discriminating section 8 retrieves technical **term** dictionaries 9 for all of the **words** stored in the section 7 and writes the information indicating the presence/absence of each **word** in each dictionary 9 in a field information storing section 10. Then a patent document storing place discriminating section 11 discriminates the field of specialization of the patent document in accordance with the instruction of an execution controlling section 2 and informs the section 2 of the storing place in an external storing means 3 against the field of specialization of the patent document after reading the storing place from a patent document storing place table 12. Therefore, each patent document can be registered in a prescribed storing place in the means 3.

25/4/47 (Item 14 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- **PATENT** DOCUMENT **CLASSIFYING** DEVICE
PN- 04-106663 -JP 4106663 A-
PD- April 08, 1992 (19920408)
AU- TAKAHASHI MASAHITO
PA- MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation), JP (Japan)
AN- 02-225588 -JP 90225588-
AN- 02-225588 -JP 90225588-
AD- August 28, 1990 (19900828)
IC- -5- G06F-015/40; G06F-015/20
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications)
SO- Section: P, Section No. 1393, Vol. 16, No. 348, Pg. 123, July 28, 1992 (19920728)

AB- PURPOSE: To automatically discriminate and display the field of specialization of each patent document by detecting **words** which are considered to be technical **terms** from each patent document and discriminating the field of specialization by collating the detected **words** with one or more technical **term** dictionaries.

CONSTITUTION: A technical **term** candidate detecting section 5 retrieves a basic **word** dictionary 6 for all **words** contained in a patent document stored in a patent document storing section 4 and stores the **words** which are not contained in the dictionary 6 in a technical **word** candidate storing section 7. A field discriminating section 8 retrieves technical **term** dictionaries 9 about all of the **words** stored in the section 7 and writes the information indicating presence/ absence of each **word** in each dictionary 9 in a field information strong section 10. Then an execution controlling section 2 discriminates the field of specialization of the patent document from the field of specialization of the dictionary containing the largest number of the **words** contained in the section 7 by checking the dictionaries 9. Therefore, the field of specialization of each patent document can be automatically discriminated and displayed.

25/4/48 (Item 15 from file: 347)

FN- DIALOG(R)File 347:JAPIO|
CZ- (c) 2002 JPO & JAPIO. All rts. reserv.|
TI- APPLICATION REQUEST ACCEPTANCE SYSTEM BY ELECTRONIC MEDIUM
PN- 03-204072 -JP 3204072 A-
PD- September 05, 1991 (19910905)
AU- OKADA HAJIME; YAMAMOTO TADAKATSU; NOGUCHI KENJI; MATSUMOTO KIYONOBU; EHATA HIDEO
PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
AN- 01-344714 -JP 89344714-
AN- 01-344714 -JP 89344714-
AD- December 30, 1989 (19891230)
IC- -5- G06F-015/20; G06F-015/21
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers); R139 (INFORMATION PROCESSING -- **Word** Processors)
SO- Section: P, Section No. 1283, Vol. 15, No. 477, Pg. 57, December 04, 1991 (19911204)
AB- PURPOSE: To reduce troubles due to the storage of a sheet and the update of a format, etc., by providing an electronic application request sheet and an electronic description original sheet from a patent department to all the invention origins as the prerequisite of application request acceptance by an electronic medium.

CONSTITUTION: When an application request sheet, a description, a drawing, and other relational document are offered to the patent department with an FD and another arbitrary request mode, the patent department receives them, and returns a reception report consisting of a proposer, an acceptance date, and an acceptance number, etc., to the proposer. Meanwhile, a proposal is **evaluated** with the clerk of the **patent** department, and the permission of the application, etc., is decided. Following that, the original of description of invention/proposal that is the target of application is inputted to a computer 10. Next, processing is transferred from an administrative clerk to the clerk of patent. Namely, a clerk in charge of the preparation of the description takes out a description original, etc., inputted to the computer 10 to prepare the description to be applied to the patent office based on the description original, etc., of an inventor from its own **terminal** , and prepares the description in electronic fashion by utilizing a document editing function.

25/4/49 (Item 16 from file: 347)
FN- DIALOG(R)File 347:JAPIO|

TI- MODEL DESCRIPTION LIBRARY SYSTEM
PN- 03-204071 -JP 3204071 A-
PD- September 05, 1991 (19910905)
AU- YAMAMOTO TADAKATSU; TAKADA YUKIHIKO; KOMURO KEIICHI; NOMA SHUNJI; WATANABE MASAO; NOGUCHI KENJI; OKADA HAJIME; MATSUMOTO KIYONOBU; EHATA HIDEO
PA- HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
AN- 01-344713 -JP 89344713-
AN- 01-344713 -JP 89344713-
AD- December 30, 1989 (19891230)
IC- -5- G06F-015/20; G06F-015/21
CL- 45.4 (INFORMATION PROCESSING -- Computer Applications)
KW- R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers); R139 (INFORMATION PROCESSING -- **Word** Processors)
SO- Section: P, Section No. 1283, Vol. 15, No. 477, Pg. 57, December 04, 1991 (19911204)
AB- PURPOSE: To reduce labor for the preparation of a description original and to improve the quality of a description by constructing a data base in which a model description file is stored, and freely retrieving the data base with an invention origin in an on-line operation.
CONSTITUTION: A procedure to generate a model description data base is explained as follows by utilizing an applied file description data base. Firstly, an applied file description to be set as the reference of a model description is selected. As a method to select the description, for example, a patent corresponding to a patent product code out of a disclosure list in a specific year for application of its own company is extracted. At this time, the **patent** whose **evaluation** of invention is less than a certain rank is eliminated. Also, the patent whose content exceeds a prescribed amount and whose content is inferior are excluded as an inadequate one. In such a way, one to two patents for each patent product code are selected. The applied file description selected in such way is delivered to a patent clerk, and the clerk performs working for model making, and the patent product code is registered as a key **word** on the model description data base 4, then, retrieval is performed.
?

?t26/3/all

26/3/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014035693 **Image available**
WPI Acc No: 2001-519906/200157
XRPX Acc No: N01-384931
High thermal resistivity crystal support for oversized oscillator used in computer, has resonator and substrate electrically coupled to glass tubular wall, to form electrical path between them with thermal isolation
Patent Assignee: CTS CORP (CTSC)
Inventor: **BIERNACKI J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6236145	B1	20010522	US 2000515344	A	20000229	200157	B

Priority Applications (No Type Date): US 2000515344 A 20000229
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6236145	B1		13	H01L-041/04	

26/3/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013202615 **Image available**
WPI Acc No: 2000-374488/200032
Related WPI Acc No: 1995-200548; 1996-260007; 1996-260008; 1996-260071; 1996-268811; 1996-278048; 1997-021018; 1997-021019; 1997-021020; 1997-021021; 1997-021477; 1997-034628; 1997-272356; 1998-009059; 1998-009060; 1998-009062; 1998-018661; 1998-101319; 1998-610653; 1998-610654; 1999-010068; 1999-254404; 1999-357183; 2000-282503; 2000-490298; 2001-520831
XRPX Acc No: N00-281089
Urinary catheter, has palpitatable discharge valve with protective shoulders
Patent Assignee: CV DYNAMICS INC (CVDY-N)
Inventor: HASHW A M; JOHNSON S N; MIKHAIL A A; **STOBBS G E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6050934	A	20000418	US 9736294	A	19970226	200032	B
			US 9830132	A	19980225		

Priority Applications (No Type Date): US 9736294 P 19970226; US 9830132 A 19980225
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6050934	A		17	A61F-002/00	Provisional application US 9736294

26/3/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012496186 **Image available**
WPI Acc No: 1999-302294/199925
XRPX Acc No: N99-226493
Bileaflet heart-valve prosthesis for replacing defective heart valve

Patent Assignee: CV DYNAMICS INC (CVDY-N); CV MEDICAL INC (CVME-N); CV DYNAMICS INC DBA MEDICAL INC (CVDY-N)
Inventor: MIKHAIL A A; PATKE N G; **STOBBS G E** ; SHELLEY N J
Number of Countries: 022 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9917685	A1	19990415	WO 98US20792	A	19981002	199925 B
US 6183511	B1	20010206	US 9760922	A	19971003	200109
			US 98165442	A	19981002	
US 6296663	B1	20011002	US 95412696	A	19950329	200160
			US 95546210	A	19951020	
			US 96626170	A	19960329	
			US 9760922	A	19971003	
			US 98143669	A	19980831	
			US 98165442	A	19981002	
			US 99286161	A	19990405	

Priority Applications (No Type Date): US 98165442 A 19981002; US 9760922 P 19971003; US 95412696 A 19950329; US 95546210 A 19951020; US 96626170 A 19960329; US 98143669 A 19980831; US 99286161 A 19990405
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9917685	A1	E	61	A61F-002/24	
Designated States (National): CA CN JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
US 6183511	B1			A61F-002/24	Provisional application US 9760922
US 6296663	B1			A61F-002/24	CIP of application US 95412696
					CIP of application US 95546210
					Cont of application US 96626170
					Provisional application US 9760922
					CIP of application US 98143669
					CIP of application US 98165442
					Cont of patent US 5824062

26/3/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012165499 **Image available**
WPI Acc No: 1998-582411/199849
Related WPI Acc No: 1996-454951
XRPX Acc No: N98-453769
Bileaflet heart valve with dynamic pivot mechanism - has free-floating leaflets within recess within annular base of valve with fluid communicating groove around inner surface
Patent Assignee: CV DYNAMICS INC (CVDY-N)
Inventor: JOHNSON S N; MIKHAIL A A; PATKE N G; **STOBBS G E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5824062	A	19981020	US 95412696	A	19950329	199849 B
			US 95546210	A	19951020	
			US 96626170	A	19960329	

Priority Applications (No Type Date): US 96626170 A 19960329; US 95412696 A 19950329; US 95546210 A 19951020
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5824062	A		42	A61F-002/24	CIP of application US 95412696
					CIP of application US 95546210

26/3/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012088821 **Image available**
WPI Acc No: 1998-505732/199843
Related WPI Acc No: 1998-332284
XRPX Acc No: N98-394191
Internal bio-deterioration detection method for living tree - involves comparing look up table results of characteristic signal parameters of acousto ultrasonic signals to determine possible internal condition of wood
Patent Assignee: UNIV CALIFORNIA (REGC)
Inventor: BEALL F C; **BIERNACKI J M** ; LEMASTER R L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5804728	A	19980908	US 94301811	A	19940907	199843	B

Priority Applications (No Type Date): US 94301811 A 19940907
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5804728	A		31	G01N-029/08	

26/3/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011915374 **Image available**
WPI Acc No: 1998-332284/199829
Related WPI Acc No: 1998-505732
XRPX Acc No: N98-259305
Caliper assembly for non-intrusive detection of hidden defects due to bio-deterioration of living trees, logs and round wooden materials - adjusts distal ends of first and second arms such that they are diametrically opposite along centre line of round wood, for transmitting acousto-ultrasonic waves from pulsing to receiving transducers
Patent Assignee: UNIV CALIFORNIA (REGC)
Inventor: BEALL F C; **BIERNACKI J M** ; LEMASTER R L
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5760308	A	19980602	US 94301811	A	19940907	199829	B
			US 95457810	A	19950601		
			US 97843553	A	19970418		

Priority Applications (No Type Date): US 94301811 A 19940907; US 95457810 A 19950601; US 97843553 A 19970418
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5760308	A		31	G01N-029/08	Div ex application US 94301811
					Cont of application US 95457810

26/3/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011683289 **Image available**
WPI Acc No: 1998-100199/199809
Related WPI Acc No: 1996-412591
XRPX Acc No: N98-080350

Indwelling urinary balloon catheter for managing incontinence and retention - has multiaxial dome type valve with inflatable anchoring balloon whose pattern may be varied by changing bonding patterns and wall thickness

Patent Assignee: CV DYNAMICS INC (CVDY-N)
Inventor: HASHW A M; JOHNSON S N; MIKHAIL A A; **STOBBS G E**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5707357	A	19980113	US 95392529	A	19950223	199809 B
			US 95546572	A	19951020	
			US 96605435	A	19960222	

Priority Applications (No Type Date): US 96605435 A 19960222; US 95392529 A 19950223; US 95546572 A 19951020
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5707357	A		34	A61M-025/00	CIP of application US 95392529
					CIP of application US 95546572

26/3/8 (Item 8 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

011310814 **Image available**
WPI Acc No: 1997-288719/199726
XRPX Acc No: N97-239140

Mouse with integral microphone for speech input into personal computer - includes pointing device disposed within housing with mechanism for sensing changes in position of pointing device with respect to reference frame and for providing position change signals to computer

Patent Assignee: STOBBS B H (STOB-I); STOBBS G A (STOB-I)
Inventor: STOBBS B H; **STOBBS G A**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5631669	A	19970520	US 94191956	A	19940204	199726 B
			US 95412594	A	19950329	

Priority Applications (No Type Date): US 94191956 A 19940204; US 95412594 A 19950329
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5631669	A		9	G09G-005/08	Cont of application US 94191956

26/3/9 (Item 9 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2002 Derwent Info Ltd. All rts. reserv.

010958001 **Image available**
WPI Acc No: 1996-454951/199645
Related WPI Acc No: 1998-582411
XRPX Acc No: N96-383477

Bileaflet haemodynamic heart valve prostheses - has annular base with pivoting leaflets with recess fluidly communicating with extending groove extending partially around inner surface

Patent Assignee: CV DYNAMICS INC (CVDY-N); MEDICAL INC (MEDI-N); CV DYNAMICS INC DBA MEDICAL INC (CVDY-N)
Inventor: JOHNSON S N; MIKHAIL A A; PATKE N G; **STOBBS G E**
Number of Countries: 069 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9629957	A1	19961003	WO 96US4385	A	19960329	199645	B
AU 9654373	A	19961016	AU 9654373	A	19960329	199706	
JP 11507249	W	19990629	JP 96529706	A	19960329	199936	
			WO 96US4385	A	19960329		
EP 955956	A2	19991117	EP 96911500	A	19960329	199953	
			WO 96US4385	A	19960329		

Priority Applications (No Type Date): US 95546210 A 19951020; US 95412696 A 19950329
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9629957	A1	E	104	A61F-002/24	
Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN					
Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG					
AU 9654373	A			A61F-002/24	Based on patent WO 9629957
JP 11507249	W		87	A61F-002/24	Based on patent WO 9629957
EP 955956	A2	E		A61F-002/24	Based on patent WO 9629957
Designated States (Regional): BE DE ES FR GB IT NL					

26/3/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010915640 **Image available**
WPI Acc No: 1996-412591/199641
Related WPI Acc No: 1998-100199
XRPX Acc No: N96-347324

Indwelling urinary catheter having palpitatable multiaxial dome-type valve - has inflatable anchoring balloon whose shape may be selectively altered by varying bonding patterns.

Patent Assignee: CV DYNAMICS INC (CVDY-N); MEDICAL INC (MEDI-N); CV DYNAMICS INC DBA MEDICAL INC (CVDY-N)
Inventor: HASHW A M; JOHNSON S N; MIKHAIL A A; **STOBBS G E**
Number of Countries: 019 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9626748	A2	19960906	WO 96US2272	A	19960222	199641	B
US 5624395	A	19970429	US 95392529	A	19950223	199723	
			US 95546572	A	19951020		
EP 814863	A1	19980107	EP 96908482	A	19960222	199806	
			WO 96US2272	A	19960222		
JP 11500941	W	19990126	JP 96526308	A	19960222	199914	
			WO 96US2272	A	19960222		
CA 2213382	A	19971213	CA 2213382	A	19970818	199916	N

Priority Applications (No Type Date): US 95546572 A 19951020; US 95392529 A 19950223; CA 2213382 A 19970818
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9626748	A2	E	70	A61M-000/00	
Designated States (National): DE ES GB JP					
Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
US 5624395	A		29	A61M-011/00	CIP of application US 95392529
EP 814863	A1	E		A61M-025/10	Based on patent WO 9626748
Designated States (Regional): BE DE ES FR GB IT NL					
JP 11500941	W		95	A61M-039/00	Based on patent WO 9626748
CA 2213382	A			A61M-025/10	

26/3/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008806578
WPI Acc No: 1991-310590/199142
XRAM Acc No: C91-134561
Continuous prodn. of molten iron - by direct redn. of powdered ore using cyclone kiln to simultaneously reduce ore and form coal gasification prods.
Patent Assignee: INST MINERALNYCH MA (MINE-N)
Inventor: **BIERNACKI J** ; NOWAK E; PLOCICA M; PLOCICA S; SZELAG H; ZAMOJDO R
Number of Countries: 017 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9114792	A	19911003				199142	B

Priority Applications (No Type Date): PL 284217 A 19900306
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9114792	A				

Designated States (National): CA JP US
Designated States (Regional): AT BE CH DE DK ES FR GB GR IT LU NL SE

26/3/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008615296 **Image available**
WPI Acc No: 1991-119326/199117
XRAM Acc No: C91-051394
XRPX Acc No: N91-091863
Stable, purified boron nitride powder prodn. - by coating particles with hydrophobic coating with functional groups which are ammonia getters
Patent Assignee: CARBORUNDUM CO (CARO)
Inventor: **BIERNACKI J J** ; DAVANZO S P; SHELLHOUSE S M
Number of Countries: 014 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 424094	A	19910424	EP 90311324	A	19901016	199117	B
JP 3193624	A	19910823	JP 90278882	A	19901017	199140	

Priority Applications (No Type Date): US 89422836 A 19891017
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 424094	A				

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE

26/3/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

007836453
WPI Acc No: 1989-101565/198914
XRAM Acc No: C89-044755
Prodn. of micro-fibrous silicon carbide - by heating micro-fibrous carbon and a silicon source in a vacuum or non-oxidising atmos.
Patent Assignee: STANDARD OIL CO OHIO (STAH)
Inventor: **BIERNACKI J J** ; BODOLUS C L; FOX J R; WHITE D A

Search Report from Ginger D. Roberts

Number of Countries: 005 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 310265	A	19890405	EP 88308550	A	19880915	198914	B
JP 1108107	A	19890425	JP 88247274	A	19880930	198922	

Priority Applications (No Type Date): US 87103100 A 19870930
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 310265	A	E	10		

Designated States (Regional): DE FR GB NL
?

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?show files;ds
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200218
         (c) 2002 Derwent Info Ltd
File 344:CHINESE PATENTS ABS APR 1985-2002/Feb
         (c) 2002 EUROPEAN PATENT OFFICE
File 347:JAPIO Oct/1976-2001/Nov(Updated 020305)
         (c) 2002 JPO & JAPIO
File 371:French Patents 1961-2002/BOPI 200209
         (c) 2002 INPI.  All rts. reserv.

Set     Items   Description
S1      38229   PATENT? OR INTELLECTUAL()PROPERTY
S2     552231   ANALYS? OR EVALUAT? OR INTERPRET? OR CLASS? OR INDEX?
S3      17329   ARTIFICIAL()INTELLIGENCE? OR AI OR NEURAL? OR EXPERT()SYST-
             EM?
S4    1330223   LANGUAGE OR WORD? OR TEXT? OR TERM? OR SENTENCE? OR PARAGR-
             APH?
S5     644075   CLAIM? ?
S6    1239996   BREADTH? OR SCOPE? OR BROAD? OR DEPTH? OR COVER?
S7    3588429   METRIC? OR MEASUR? OR WEIGHT? OR GRADE? OR GRADING? OR SCO-
             R? OR VALUE? OR POINT? OR COUNT?
S8     117095   PREAMBLE? OR SPEC OR SPECIFICATION? OR BACKGROUND? OR SUMM-
             ARY? OR ABSTRACT?
S9        277   EIGENVALUE? OR EIGEN()VALUE?
S10       140   S1(5N)S2
S11        32   S4 AND S10
S12        10   S5 AND S11
S13         5   S12 AND (S7:S9)
S14        18   S1(5N)ANALYZ?
S15         5   S4 AND S14
S16         3   S5 AND S15
S17        27   S1 AND S3
S18         5   S4 AND S17
S19        53   S11:S16 OR S18
S20      8387   MC=T01-J16?
S21        15   S1 AND S20
S22      8301   IC=G06F-015/18
S23         5   S1 AND S22
S24        67   S19 OR S21 OR S23
S25        49   S24 NOT PR=19990301:99999999
S26        13   AU=(STOBBS G? OR BIERNACKI J?)
?
```

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?show files;ds
File  77:Conference Papers Index 1973-2002/Jan
         (c) 2002 Cambridge Sci Abs
File  35:Dissertation Abs Online 1861-2002/Mar
         (c) 2002 ProQuest Info&Learning
File  65:Inside Conferences 1993-2002/Mar W3
         (c) 2002 BLDSC all rts. reserv.
File   2:INSPEC 1969-2002/Mar W3
         (c) 2002 Institution of Electrical Engineers
File 233:Internet & Personal Comp. Abs. 1981-2002/Mar
         (c) 2002 Info. Today Inc.
File 474:New York Times Abs 1969-2002/Mar 20
         (c) 2002 The New York Times
File 475:Wall Street Journal Abs 1973-2002/Mar 20
         (c) 2002 The New York Times
File  99:Wilson Appl. Sci & Tech Abs 1983-2002/Feb
         (c) 2002 The HW Wilson Co.
File  16:Gale Group PROMT(R) 1990-2002/Mar 20
         (c) 2002 The Gale Group
File  15:ABI/Inform(R) 1971-2002/Mar 21
         (c) 2002 ProQuest Info&Learning
File   9:Business & Industry(R) Jul/1994-2002/Mar 19
         (c) 2002 Resp. DB Svcs.
File 610:Business Wire 1999-2002/Mar 21
         (c) 2002 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2002/Mar 20
         (c) 2002 The Gale Group
File 476:Financial Times Fulltext 1982-2002/Mar 21
         (c) 2002 Financial Times Ltd
File 624:McGraw-Hill Publications 1985-2002/Mar 21
         (c) 2002 McGraw-Hill Co. Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Mar 20
         (c) 2002 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2002/Mar 20
         (c) 2002 The Gale Group
File 613:PR Newswire 1999-2002/Mar 21
         (c) 2002 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 634:San Jose Mercury  Jun 1985-2002/Mar 20
         (c) 2002 San Jose Mercury News
File 148:Gale Group Trade & Industry DB 1976-2002/Mar 20
         (c)2002 The Gale Group
File  20:Dialog Global Reporter 1997-2002/Mar 21
         (c) 2002 The Dialog Corp.

Set     Items   Description
S1         29   (SCORE? OR GRADE? OR GRADING OR SCORING OR MEASUR?)(5N)PAT-
               ENT?(5N)CLAIMS(5N)(BREADTH? OR SCOPE? OR BROAD? OR TEXT? OR L-
               ANGUAGE?) NOT PY>1999
S2         13   RD (unique items)
```

?t2/3,k/all
>>>KWIC option is not available in file(s): 77

2/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

06489056 Supplier Number: 55163903 (USE FORMAT 7 FOR FULLTEXT)
Axiom Biotechnologies Issued 2nd U.S. Patent On High Throughput Pharmacology System And Methods of Use.
Business Wire, p0164
July 15, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 322

... of United States Patent No. 5,919,646, entitled Apparatus and Methods For Real-Time **Measurement** Of Cellular Response.
The **patent** covers **broad** **claims** for methods of applying flow through fluidics technology to drug discovery and compound profiling and...

2/3,K/2 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05252951 Supplier Number: 48005667 (USE FORMAT 7 FOR FULLTEXT)
SIBIA Neurosciences Issued U.S. Patent on Automated High-Throughput Screening Equipment and Assay Methods for Drug Discovery
PR Newswire, p925LATH020
Sept 25, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 711

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Assay Method for Detecting Cell Surface Protein and/or Cytoplasmic Receptor Function Using Same." This **patent** contains **broad** **claims** on automated **measurement** instruments and related assay methods for use in functional high-throughput screening and profiling of...

2/3,K/3 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

04715512 Supplier Number: 46942671 (USE FORMAT 7 FOR FULLTEXT)
Cambridge Heart Announces Patent Grant
PR Newswire, p1202NEM033
Dec 2, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 336

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...entitled "Improved Method and Apparatus for Assessing Myocardial Electrical Stability." This patent grants the Company **broad** protection for the use of physiologic stress in the **measurement** of T-wave alternans, a beat-to-beat variability of the T-wave in the electrocardiogram. The **patent** contains **claims** which cover the **measurement** of T-wave alternans during all forms of physiologic stress including exercise, the use of...

2/3,K/4 (Item 4 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

03226747 Supplier Number: 44429655 (USE FORMAT 7 FOR FULLTEXT)
OXiGENE MAKES SIGNIFICANT PROGRESS TOWARD SECURING STRONG PATENT POSITION
PR Newswire, pN/A
Feb 9, 1994
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 388

... granted shortly.
"OXiGENE aggressively protects its technology, and the allowance of this and other imminent **patents** with **broad** **claims** will ensure **patent** protection of our core technologies relating to the inhibition, **measurement** and enhancement of the cellular process of DNA repair," stated Richard Brown, chairman of OXiGENE...

2/3,K/5 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

02876338 Supplier Number: 43877983 (USE FORMAT 7 FOR FULLTEXT)
PATENT AGENDA FOR TCI INTERACTIVE BUY
Screen Digest, pN/A
June, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 231

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
Purchase of 15 per cent stake in interactive **broadcasting** start-up venture Interactive Network Inc by Tele-Communications for $10m includes access to **patent** portfolio which dovetails neatly with TCI's Sega Channel plans (see 1993/97b2). INI **claims** **patents** covering the **broadcasting** of data to control remote Sega video games and collection of **scores** from them to allow simultaneous competitive play, over-the-air downloading of modifications to games...

2/3,K/6 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

01514957 Supplier Number: 41843343 (USE FORMAT 7 FOR FULLTEXT)
Phoenix Laser Systems
Medical Devices, Diagnostics & Instrumentation (MDDI Reports) - The Gray Sheet, pN/A
Feb 4, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Newsletter; Professional Trade
Word Count: 61

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
Phoenix Laser Systems: Firm is granted nine separate **patents** for its ophthalmic surgical workstation. The **claims** ''deal **broadly** with a

computer-controlled method and instrument for **measuring** and displaying the shapes of the eye's surfaces,'' the Phoenix says. The firm received...

2/3,K/7 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02656123 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Biotechnology Gets a Major Boost From Legislation Passed By Congress (Congress passes three measures that will facilitate the development of new drugs by the biotechnology industry)
Chemical Market Reporter, v 256, n 22, p 1+
November 29, 1999
DOCUMENT TYPE: Journal ISSN: 1092-0110 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 650

ABSTRACT:
...measures protecting the ability of Medicare patients to receive pharmaceuticals from the biotechnology sector. Other **measures** in the bill are extended R&D tax credits and patent reform. Under the **patent** -reform **measure** , will enable applicants to secure protection that may have been lost while **claims** were being reviewed by the US **Patent** and Trademark Office. The full **text** includes additional discussion of the new measures benefitting the biotechnology sector.
...

2/3,K/8 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0922647 BW1163

AXIOM BIOTECHNOLOGIES: Axiom Biotechnologies Issued U.S. Patent On High Throughput Pharmacology System HT-PS

October 15, 1998

Byline: Health Editors

...has been issued Patent No. 5,804,436 entitled "Apparatus and Methods For Real-Time **Measurement** Of Cellular Response."
The **patent** covers **broad** **claims** including the instrumentation fluidics design, algorithms for assessing bioactivity, methods of use and applications, in...

2/3,K/9 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire

0210574 BW725

PHOENIX LASER: Phoenix Laser granted patent claims

January 25, 1991

Byline: Business Editors

...NASDAQ:PXLS) Friday announced that it has received notification from

the U.S. Commissioner of **Patents** and Trademarks that nine seperate **claims** have been allowed in one of its pending **patent** applications for the company's Ophthalmic Surgical Workstation.

The allowed **claims** deal **broadly** with a computer-controlled method and instrument for **measuring** and displaying the shapes of the eye's surfaces like the cornea.

Phoenix Laser Systems...

2/3,K/10 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

00888725
SIBIA Neurosciences, Inc.
Biotechnology Newswatch October 6, 1997; Pg 10; Vol. 14, No. 41
Journal Code: BIO ISSN: 0275-3687
Section Heading: PATENT SECTION: U.S. PATENT ACTIVITIES
Word Count: 55 *Full text available in Formats 5, 7 and 9*

TEXT:
... and Assay Method for Detecting Cell Surface Protein and/or Cytoplasmic Receptor Function Using Same

Patent contains **broad** **claims** on automated **measurement** instruments and related assay methods for use in high-throughput screening and profiling of compounds...

2/3,K/11 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

01104251 Supplier Number: 40786339 (USE FORMAT 7 FOR FULLTEXT)
GIST OF U.S. TRADE BARRIER REPORT
Japan Weekly Monitor, pN/A
May 8, 1989
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1224

... YEARS FOR A PATENT TO BE ISSUED. SOME U.S. COMPANIES RECENTLY HAVE COMPLAINED ABOUT '' **PATENT** FLOODING.'' THIS PRACTICE IS BASED ON THE NARROW **SCOPE** OF **CLAIMS** GENERALLY CONTAINED IN JAPANESE **PATENTS** . JAPANESE COMPANIES FILE LARGE NUMBERS OF **PATENT** APPLICATIONS AS A DEFENSIVE **MEASURE** TO PRELUDE U.S. RIVALS. INTENSIFYING IN THE WAKE OF SUPERCONDUCTIVITY RESEARCH ADVANCES, THIS PRACTICE...

2/3,K/12 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07979516 SUPPLIER NUMBER: 17222752 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Rare diseases, drug development, and AIDS: the impact of the Orphan Drug Act.
Arno, Peter S.; Bonuck, Karen; Davis, Michael
Milbank Quarterly, v73, n2, p231(22)
Summer, 1995
ISSN: 0887-378X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 7641 LINE COUNT: 00637

... substantially so. Conversely, compounds are different provided that

they are not substantially the same (as **measured** by the precise and express **language** of the **patent** **claims**), although there need not be major differences between the two (Colton and Haas 1992). The...

2/3,K/13 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05591915 SUPPLIER NUMBER: 12328875 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The antitrust significance of a patent's exclusionary power. (Developments 1991-92)
Hoerner, Robert J.
Antitrust Law Journal, 60, n3, 867-887
Fall, 1991
ISSN: 0003-6056 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9995 LINE COUNT: 00488

... augment the owner's power in the market, if, for example, it was a strong **patent** with **broad** **claims** and no close substitutes. The critical question in such a case is how the **patent** owner's power in the market should be **measured** and what role should be assigned to the patent in making the measurement. It would...
?

```
?show files;ds
File   7:Social SciSearch(R) 1972-2002/Mar W4
         (c) 2002 Inst for Sci Info
File   9:Business & Industry(R) Jul/1994-2002/Mar 19
         (c) 2002 Resp. DB Svcs.
File  13:BAMP 2002/Mar W1
         (c) 2002 Resp. DB Svcs.
File  15:ABI/Inform(R) 1971-2002/Mar 21
         (c) 2002 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2002/Mar 20
         (c) 2002 The Gale Group
File  19:Chem.Industry Notes 1974-2002/ISS 200212
         (c) 2002 Amer.Chem.Soc.
File  20:Dialog Global Reporter 1997-2002/Mar 21
         (c) 2002 The Dialog Corp.
File  35:Dissertation Abs Online 1861-2002/Mar
         (c) 2002 ProQuest Info&Learning
File  47:Gale Group Magazine DB(TM) 1959-2002/Mar 19
         (c) 2002 The Gale group
File  88:Gale Group Business A.R.T.S. 1976-2002/Mar 19
         (c) 2002 The Gale Group
File  96:FLUIDEX 1972-2002/Feb
         (c) 2002 Elsevier Science Ltd.
File 103:Energy SciTec 1974-2001/Sep B2
         (c) 2001 Contains copyrighted material
File 111:TGG Natl.Newspaper Index(SM) 1979-2002/Mar 20
         (c) 2002 The Gale Group
File 123:CLAIMS(R)/Current Legal Status 1980-2002/Mar 12
          (c) 2002 IFI/CLAIMS
File 129:PHIND(Archival) 1980-2002/Mar W3
         (c) 2002 PJB Publications, Ltd.
File 141:Readers Guide 1983-2002/Feb
         (c) 2002 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2002/Mar 20
         (c)2002 The Gale Group
File 149:TGG Health&Wellness DB(SM) 1976-2002/Mar W2
         (c) 2002 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 180:Federal Register 1985-2002/Mar 21
         (c) 2002 format only The DIALOG Corp
File 187:F-D-C Reports 1987-2002/Feb W4
         (c) 2002 F-D-C Reports Inc.
File 194:FBODaily 1982/Dec-2002/Nov
         (c) format only 2002 The Dialog Corp.
File 233:Internet & Personal Comp. Abs. 1981-2002/Mar
         (c) 2002 Info. Today Inc.
File 275:Gale Group Computer DB(TM) 1983-2002/Mar 20
         (c) 2002 The Gale Group
File 285:BioBusiness(R) 1985-1998/Aug W1
         (c) 1998 BIOSIS
File 340:CLAIMS(R)/US Patent 1950-02/Mar 19
         (c) 2002 IFI/CLAIMS(R)
File 348:EUROPEAN PATENTS 1978-2002/Mar W02
         (c) 2002 European Patent Office
File 349:PCT FULLTEXT 1983-2002/UB=20020314,UT=20020307
         (c) 2002 WIPO/Univentio
File 351:Derwent WPI 1963-2001/UD,UM &UP=200218
         (c) 2002 Derwent Info Ltd
File 353:Ei EnCompassPat(TM) 1964-200211
         (c) 2002 Engineering Info., Inc.
File 383:Ei EnCompassPat(TM) (Ontap)
         (c) 2001 Engineering Info, Inc.
```

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File 410:Chronolog(R) 1981-2002/Feb
         (c) 2002 The Dialog Corporation
File 440:Current Contents Search(R) 1990-2002/Mar W4
         (c) 2002 Inst for Sci Info
File 441:ESPICOM Pharm&Med DEVICE NEWS 2002/Mar W3
         (c) 2002 ESPICOM Bus.Intell.
File 455:Drug News & Perspectives 1992-2002/Feb
         (c) 2002 Prous Science
File 471:New York Times Fulltext-90 Day 2002/Mar 20
         (c) 2002 The New York Times
File 476:Financial Times Fulltext 1982-2002/Mar 21
         (c) 2002 Financial Times Ltd
File 483:Newspaper Abs Daily 1986-2002/Mar 20
         (c) 2002 ProQuest Info&Learning
File 484:Periodical Abs Plustext 1986-2002/Mar W3
         (c) 2002 ProQuest
File 541:SEC Online(TM) Annual Repts 1997/Sep W3
         (c) 1987-1997 SEC Online Inc.
File 542:SEC Online(TM) 10-K Reports 1997/Sep W3
         (c) 1987-1997 SEC Online Inc.
File 545:Investext(R) 1982-2002/Mar 21
         (c) 2002 Thomson Financial Networks
File 553:Wilson Bus. Abs. FullText 1982-2002/Feb
         (c) 2002 The HW Wilson Co
File 610:Business Wire 1999-2002/Mar 21
         (c) 2002 Business Wire.
File 613:PR Newswire 1999-2002/Mar 21
         (c) 2002 PR Newswire Association Inc
File 614:AFP English Wire 1999-2002/Mar 20
         (c) 2002 Agence France Press
File 619:Asia Intelligence Wire 1995-2002/Mar 20
         (c) 2002 Fin. Times Ltd
File 621:Gale Group New Prod.Annou.(R) 1985-2002/Mar 20
         (c) 2002 The Gale Group
File 624:McGraw-Hill Publications 1985-2002/Mar 21
         (c) 2002 McGraw-Hill Co. Inc
File 631:Boston Globe 1980-2002/Mar 20
         (c) 2002 Boston Globe
File 634:San Jose Mercury  Jun 1985-2002/Mar 20
         (c) 2002 San Jose Mercury News
File 635:Business Dateline(R) 1985-2002/Mar 21
         (c) 2002 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2002/Mar 20
         (c) 2002 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2002/Mar 20
         (c) 2002 The Gale Group
File 652:US Patents Fulltext 1971-1979
         (c) format only 2001 The Dialog Corp.
File 653:US Patents Fulltext 1980-1989
         (c) format only 2002 The Dialog Corp.
File 654:US PAT.FULL. 1990-2002/MAR 19
         (c) FORMAT ONLY 2002 THE DIALOG CORP.
File 704:(Portland)The Oregonian 1989-2002/Mar 15
         (c) 2002 The Oregonian
File 716:Daily News Of L.A. 1989-2002/Mar 20
         (c) 2002 Daily News of Los Angeles
File 717:The Washington Times Jun 1989-2002/Mar 21
         (c) 2002 Washington Times

Set     Items   Description
S1       1236   (SCORE? ? OR SCORING OR RANK? OR METRIC? OR MEASURE? OR ME-
             ASURING)(4N)PATENT?(4N)CLAIM? ?
S2         43   S1(S)(DATABASE? OR DATA()BASE? OR NEURAL? OR CLUSTER? OR E-
```

IGENVALUE? OR EXPERT()SYSTEM? OR ARTIFICIAL()INTELLIGENCE)
S3 32 RD (unique items)
?t3/3,k/all
>>>KWIC option is not available in file(s): 19

3/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)

02301715 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Patent Update: Acacia Biosciences
(Acacia Biosciences earns US patent for computational analysis and database storage of signals measured in vitro and cell-base assays)
R&D Directions, v 4, n 5, p 104
September 1998
DOCUMENT TYPE: Journal; News Brief ISSN: 1051-6778 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 78

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
Acacia Biosciences Inc., Richmond, Calif., has received a U.S. patent covering computational analysis and **database** storage of signals **measured** in vitro and cell-based assays. The **patent** **claims** encompass methods for generating and storing data that are critical to technologies for measuring and...

3/3,K/2 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01193605 98-43000
Online statistical techniques as patient search tools
Lambert, Nancy
Database v19n2 PP: 67-73 Apr/May 1996
ISSN: 0162-4105 JRNL CODE: DTB
WORD COUNT: 922

...TEXT: and newest patents it retrieves.

Similarly, for U.S. classifications, you look in the IFI/ **CLAIMS** file and **rank** full **patent** classes: U.S. **patent** class 435, "Molecular biology and microbiology," is top-ranked. Class 935 is a fairly new...

... a few years, when reclassifications of back patents are complete and loaded in the CLAIMS **database** , this class should head the list.

(Table Omitted)

Author Affiliation: a column on patent and...

3/3,K/3 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

09363003 Supplier Number: 81873406 (USE FORMAT 7 FOR FULLTEXT)
IBM LEADS U.S. PATENT LIST FOR NINTH CONSECUTIVE YEAR; TOPS PREVIOUS RECORD BY NEARLY 20 PERCENT.
EDP Weekly's IT Monitor, v43, n2, p1
Jan 14, 2002

Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1028

... DVD players, radios and telephones. (Patent 6236968: Sleep prevention dialog based car system)
Results and **rankings** also were reported recently by IFI **CLAIMS Patent** Services, which compiles the **CLAIMS** (c) **patent database** and annually reports the number of U.S. patents issued to companies. According to IFI...

3/3,K/4 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05705810 Supplier Number: 50161579 (USE FORMAT 7 FOR FULLTEXT)
Acacia Biosciences Issued Fundamental U.S. Patent Covering Gene Expression Interpretation
PR Newswire, p713NEM012
July 13, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 719

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...Office has issued to the University of California a patent directed to computational analysis and **database** storage of signals **measured** in in vitro and cell-based assays. The **patent claims** encompass methods for generating and storing data critical to current technologies for measuring and interpreting...

3/3,K/5 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00288260
Method for generating character images for dot printing.
Verfahren zur Erzeugung von Buchstaben beim Punktdruck.
Methode de generation des caracteres pour impression par points.
PATENT ASSIGNEE:
LEXMARK INTERNATIONAL, INC., (1367862), 55 Railroad Avenue, Greenwich, Connecticut 06830, (US), (applicant designated states: BE;CH;DE;ES;FR;GB;IT;LI;NL;SE)
INVENTOR:
Ky, Phuc, 4420 Gaynelle Dr., Charlotte, NC 28215, (US)
Kaye, Karen, 208 North Harris, St.-China Grove, NC 28023, (US)
Chi-On, Ronnie, 6013 Hollyberry Dr., Charlotte, NC 28212, (US)
Wade, Ronald, 2403 Pennsylvania Ave., Kannapolis NC 28081, (US)
Elizabeth, Carol, 3722-4 Selwyn Farms Lane, Charlotte, NC 28209, (US)
LEGAL REPRESENTATIVE:
Tomlinson, Kerry John et al (36771), Frank B. Dehn & Co. European Patent Attorneys Imperial House 15-19 Kingsway, London WC2B 6UZ, (GB)
PATENT (CC, No, Kind, Date): EP 284980 A2 881005 (Basic)
EP 284980 A3 900613
EP 284980 B1 930630
APPLICATION (CC, No, Date): EP 88104637 880323;
PRIORITY (CC, No, Date): US 33296 870401
DESIGNATED STATES: BE; CH; DE; ES; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: G06K-015/10;

ABSTRACT WORD COUNT: 170

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	369
CLAIMS B	(German)	EPBBF1	335
CLAIMS B	(French)	EPBBF1	433
SPEC B	(English)	EPBBF1	4697
Total word count - document A			0
Total word count - document B			5834
Total word count - documents A + B			5834

...SPECIFICATION character and which is such that there is only little or no increase in the **base** character data for a greater number of character pitches and little or no increase in...

...is readily amenable to printing characters bidirectionally. This object according to the invention is accomplished **by** the **measures characterized in patent claim** 1. Advantageous further developments of the invention may be seen from the subclaims.
A printer...

3/3,K/6 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00869164 **Image available**
SYSTEMS AND METHODS FOR PROVIDING ARENA SEARCHES
SYSTEMES ET PROCEDES DE RECHERCHE COUVRANT DE NOMBREUX DOMAINES
Patent Applicant/Assignee:
BOUNTYQUEST CORPORATION, 20 Park Plaze, 10th Floor, Boston, MA 02116, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
VINCENT Mathew P, 5 Davis Lane, Georgetown, MA 01833, US, US (Residence), US (Nationality), (Designated only for: US)
CELLA Charles F, 34 Old West Elm Street, Pembroke, MA 02359, US, US (Residence), US (Nationality), (Designated only for: US)
KELLY Edward J, 5 Sessions Street, Wellesley, MA 02482, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
VINCENT Matthew P (agent), Ropes & Gray, One International Place, Boston, MA 02110, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200203250 A1 20020110 (WO 0203250)
Application: WO 2001US20630 20010628 (PCT/WO US0120630)
Priority Application: US 2000607180 20000629
Parent Application/Grant:
Related by Continuation to: US 2000607180 20000629 (CON)
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 29519

Fulltext Availability:
Claims

Claim
... patent claim, without reference to the incaning of the claim, comprising:
establishing a term frequency **database** consisting of statistics representing the
frequency of use of words within a set of words;
establishing scores corresponding to the frequencies established in the frequency
database ;
assigning term scores to cach of the terms, with high scores being assigned to high...

...terms in the patent clairn; and calculating a term breadth score based on the term **scores** for the terms in the **patent** .

8 A method of **claim** 7, whercin term **scores** are calculated for a predetermined number of terms from the patent claims.

9 A method...

3/3,K/7 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00805413 **Image available**
PROCEDURE AND SYSTEM FOR DETERMINING A MEASURE OF PROBABILITY REGARDING THE IDENTITY BETWEEN DIFFERENT EXAMPLES OF A DATA FILE
PROCEDE ET SYSTEME DE DETERMINATION D'UNE MESURE DE PROBABILITE CONCERNANT L'IDENTITE ENTRE DIFFERENTS EXEMPLES D'UN FICHIER DE DONNEES
Patent Applicant/Assignee:
TELIA AB, Marbackagatan 11, S-123 86 Farsta, SE, SE (Residence), SE (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
BERGSTEN Anders, Assistentvagen 254, S-977 52 Lulea, SE, SE (Residence), SE (Nationality), (Designated only for: US)
BORG Niklas, Karhusvagen 4, S-977 54 Lulea, SE, SE (Residence), SE (Nationality), (Designated only for: US)
JOHANSSON Joachim, Docentvagen 239, S-977 52 Lulea, SE, SE (Residence), SE (Nationality), (Designated only for: US)
Legal Representative:
SVENSSON Peder (agent), Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta, SE,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200138990 A1 20010531 (WO 0138990)
Application: WO 2000SE2311 20001123 (PCT/WO SE0002311)
Priority Application: SE 994250 19991124
Designated States: EE LT LV NO US
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
Publication Language: English
Filing Language: English
Fulltext Word Count: 4035

Fulltext Availability:
Claims

Claim
... transmitted segment of the first example of the data file.

14 System as claimed in **patent** **claim** 13, further including
device for determining whether the **measure** of probability indicates lacking identity between said transmitted segment of the first example of the...documents are included in the fields searched
SE,DK,FI,NO classes as above
Electronic **data** **base** consulted during. the inLernational se-aich (narne of **data** **base** and, where practicable, search terms used)
C. DOCUNIENTS CONSIDERE'D TO BE, RELE,VANT
Category...

3/3,K/8 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00762441 **Image available**
SYSTEM AND METHOD FOR VALUING PATENTS
SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LA VALEUR DE BREVETS
Patent Applicant/Assignee:
STOCKPRICEPREDICTOR COM LLC, 2314 South Fern Street, Arlington, VA 22202, US, US (Residence), US (Nationality), (For all designated states except: US)
Patent Applicant/Inventor:
GOFFMAN Martin, 3 Dellview Drive, Edison, NJ 08820-2545, US, US (Residence), US (Nationality), (Designated only for: US)
NEIFELD Richard, 2314 South Fern Street, Arlington, VA 22202, US, US (Residence), US (Nationality), (Designated only for: US)
Legal Representative:
NEIFELD Richard, 2314 South Fern Street, Arlington, VA 22202, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200075851 A1 20001214 (WO 0075851)
Application: WO 2000US6691 20000504 (PCT/WO US0006691)
Priority Application: US 99137495 19990604; US 99142961 19990712; US 2000190085 20000320
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 31775

Fulltext Availability:
Claims

Claim
... said database comprising:
a plurality of records, wherein
each record stores an identification of a **patent** and a **measure** of a length of a **claim** of
25 said **patent** ,

77 A database, said database comprising:
a plurality of records, wherein
each record stores an...

3/3,K/9 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00563229 **Image available**
PROCESS AND DEVICE FOR DETERMINING ROLL ANGLE
PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER DES ANGLES D'INCLINAISON LATERALE
Patent Applicant/Assignee:
BOFORS MISSILES AB,
HANSEN Ake,
Inventor(s):
HANSEN Ake,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200026602 A1 20000511 (WO 0026602)
Application: WO 99SE1777 19991006 (PCT/WO SE9901777)
Priority Application: SE 983706 19981029
Designated States: US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 3436

Fulltext Availability:
Claims

Claim
... of the preceding
patent claims 5-10, characterized in that the
launchable body comprises time- **measuring** means.

12 Device according to **Patent Claim** ill the
launchable body being provided with one or more control
charges, characterized in that...

...documents are included in the fields searched
SE,DK,FI,NO classes as above
Electronic **data base** consulted during the international search (name of **data base** and, where practicable, search terms used)
WPI, EPODOC
C. DOCUMEWFS CONSIDERED 1'0 BE REI...

3/3,K/10 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00426427 **Image available**
MANAGEMENT AND ANALYSIS OF DOCUMENT INFORMATION TEXT
GESTION ET ANALYSE DE TEXTE DE RENSEIGNEMENTS DE REFERENCE
Patent Applicant/Assignee:
MANNING & NAPIER INFORMATION SERVICES,
SNYDER David L,
CALISTRI-YEH Randall J,
Inventor(s):
SNYDER David L,
CALISTRI-YEH Randall J,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9816890 A1 19980423
Application: WO 97US18712 19971014 (PCT/WO US9718712)
Priority Application: US 9628437 19961015
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK

ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 19986

Fulltext Availability:
Detailed Description

Detailed Description
... each individual claim in the selected dataset (for a single dataset), or to each individual **claim** in the data group not containing the selected **patent** (for a split dataset), and returns a results list **ranked** by **patent** . The **patent** **score** is the **score** of the highest **ranked** **claim** in the **patent** . The results list displays **patent** information and has an option to view a listing of all the **ranked** **claim** pairs for any **patent** in the results list.

In "Patents (all claims)" processing, the patent is compared to all...

3/3,K/11 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00306465 **Image available**
METHOD FOR MEASURING LOADS BEING DIRECTED TO STRUCTURES
METHODE DE MESURE DE CHARGES IMPARTIES A DES STRUCTURES
Patent Applicant/Assignee:
KOIVISTO Marja-Liisa,
KOIVISTO Vesa,
SUNDQVIST Jari,
Inventor(s):
KOIVISTO Vesa,
SUNDQVIST Jari,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9524616 A1 19950914
Application: WO 95FI133 19950310 (PCT/WO FI9500133)
Priority Application: FI 941153 19940310
Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD SE SG SI SK TJ TT UA UG US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 6767
Fulltext Availability:
Claims

Claim
... directed to structures is characterized by the features stated in the novelty part of the **patent** **claim** 1. The method of the invention for **measuring** the load of a vehicle is, characterized by the features stated in the novelty part of the **patent** **claim** 3. In the method of the invention for **measuring** loads directed to structures, the detectors measuring deformation in structures, advantageously strain gauge detectors, are...

...invention, the measurement signals obtained from the detectors are processed by means of a predetermined **neural** network, so that from the output level of the network, there are obtained the loads directed to desired points of the structures, and that the **neural** network is in

advance trained with test loads to process the measurement signals of the ...

...considered as input signals from the input units of the input layer of the
predetermined **neural** network;
all measurement signals are processed in the **neural** network by using preliminary weights in between the units of the different layers of the **neural** network, so that the computational load values directed to the said support points of the...

...defined new weights which replace the preliminary weights; - all measurement signals are reprocessed in the **neural** network by using the new weights in between the units of different layers, so that...

...are defined as output
signals of the output units of the output layer of the **neural** network;
- the values of known loads directed to the support points of the structures are...

...load directed to one or several points of support is defined by means of the **neural** network and the ...the measurement signals obtained from the measuring detectors are processed by means of a predetermined **neural** network, so that from the output layer of the **neural** network there are obtained weight loads directed to desired spots of the vehicles, particularly to one or several points of support, and that the **neural** network is in advance trained with test loads to process the measurement signals from the...processing system of the
measurement signals in block diagram form;
Figure 3illustrates a three-layered **neural** network for calculating the loads; Figure 4illustrates a processing unit, i.e. a neuron, of the **neural** network; Figures 5 and 6 illustrate in flowchart form the training process of the **neural**
network, the said **neural** network being suited to the load measuring system;
Figure 7illustrates in flowchart form the measuring of the load carried out by
means of the **neural** network;
Figure 8is a schematic top-view illustration of a vehicle combination where in the...successive processing units. From the preprocessing unit 7, the measurement signals are fed to the **neural** network unit 8 for the processing proper of the measurement signals. To the **neural** network unit 8, there are connected one or several memory units 9, a display unit IO and keyboard I 1. To the **neural** network unit 8 there are also connected the measurement signals obtained through the preprocessing units...

...other measuring detectors 6 arranged at the
respective support points in the structure 1. The **neural** network unit 8 advantageously constitutes a data processing unit including one or several microprocessors. The measurement signals are processed in the **neural** network unit 8 by means of a recorded **neural** network program, so that from the output layer of the **neural** network there are obtained as results the loads directed to desired points in the structure 1. for instance to one or several support points A; A1, A2, A3 . .... The **neural** network unit 8, i.e. the **neural** network, can be considered to be composed of separate but interconnected calculatory or processing units. The **neural** network is, trained in advance with test loads to process the measurement signals of the said measuring detectors. Figure 3 illustrates a three-layered **neural** network , which is a so-called perceptron network. Figure 4 illustrates a processing unit, i.e. neuron, of this type of **neural** network. The employed **neural** network is a network of three or more layers, comprising an input layer 12, one...

layer m)
Train data (output node i, pattern [L)
8M
Difference (node i, layer m)
Patent claims
I . A method for **measuring** loads (F) directed to structures (1), wherein the detectors (6), advantageously strain gauge detectors, measuring...
...the measurement signals obtained from the measuring detectors are processed by means of a predetermined **neural** network, so that from the output layer of the **neural** network, there are obtained the loads (y) directed to desired points of the structures, and that the **neural** network is in advance trained with test loads to process the measurement signals from the...

3/3,K/12 (Item 1 from file: 455)
DIALOG(R)File 455:Drug News & Perspectives

00468080 (USE FORMAT 7 FOR FULLTEXT)
ACACIA BIOSCIENCES ISSUED FUNDAMENTAL U.S. PATENT COVERING GENE EXPRESSION INTERPRETATION
Drug News & Perspectives, R&D Briefs Section [Unpublished]
September 18 1998
DOCUMENT TYPE: Journal LANGUAGE: English RECORD TYPE: FullText
WORD COUNT: 301

...the U.S. Patent and Trademark Office has issued to the University of California a **patent** directed to computational analysis and **database** storage of signals **measured** in in vitro and cell-based assays. The **patent claims** encompass methods for generating and storing data critical to current technologies for measuring and interpreting...

3/3,K/13 (Item 1 from file: 652)
DIALOG(R)File 652:US Patents Fulltext

00778494
Utility
GRADE INDICATOR STAKE FLAG HOLDER

PATENT NO.: 3,903,835
ISSUED: September 09, 1975 (19750909)
INVENTOR(s): Carroll, Willard D., Abilene, TX (Texas), US (United States of America)
ASSIGNEE(s): Smith, Robert A , (A U.S. Individual ; of part interest), Odessa, TX (Texas), US (United States of America), A part interest
APPL. NO.: 5-443,296
FILED: February 19, 1974 (19740219)
FULL TEXT: 121 lines

...EMBODIMENT

Referring more particularly to the drawing, a flag is formed of a bundle or **cluster** of stiff, resilient strands 10. As set forth in my previously mentioned patent, I have...
... within the scope of my invention. The limits of the invention and the bounds of **patent** protection are **measured** by and defined in the following **claims** . The restrictive description and drawing of the specific examples above do not point out what...

3/3,K/14 (Item 1 from file: 653)
DIALOG(R)File 653:US Patents Fulltext

01815935

Utility
DEVICE FOR DETERMINING THE FORCES IN THE AREA OF THE CONTACT SURFACES BETWEEN A SPECTACLE FRAME AND THE HEAD OF THE WEARER

PATENT NO.: 4,873,994
ISSUED: October 17, 1989 (19891017)
INVENTOR(s): Anger, Wilhelm, Moritz-Suvretta, CH (Switzerland)
Leuzinger, Christoph, Zufikon, CH (Switzerland)
ASSIGNEE(s): Eyemetrics-Systems AG, (A Non-U.S. Company or Corporation), Steinbockstrasse, CH (Switzerland)
EXTRA INFO: Expired, effective October 17, 1993 (19931017), recorded in O.G. of December 28, 1993 (19931228)
APPL. NO.: 7-303,055
FILED: January 26, 1989 (19890126)
PRIORITY: 3610897, DE (Germany), March 24, 1986 (19860324)

This application is a continuation (in part) of U.S. application Ser. No. 06-898,715 filed Aug. 21, 1986 by inventor(s) Wilhelm Anger and Christoph Leuzinger.
FULL TEXT: 701 lines

... are not sitting properly that can cause such an increase in pressure on a certain **neuralgic** zone of contact such as the wearer of the spectacles will find extremely uncomfortable after...stabilized at least with a spring device when the pressure sensor is applied to the **measuring** point. The embodiment in accordance with **Patent** **claim** 34 will then offer the advantage that the stabilization by means of a spring can...

3/3,K/15 (Item 2 from file: 653)
DIALOG(R)File 653:US Patents Fulltext

01699793

Utility
METHOD AND APPARATUS FOR HANDING-OVER A RADIO CONNECTION FROM ONE RADIO CELL TO ANOTHER RADIO CELL OF A DIGITAL RADIO TRANSMISSION SYSTEM

PATENT NO.: 4,765,753
ISSUED: August 23, 1988 (19880823)
INVENTOR(s): Schmidt, Werner, Roscommon, IE (Ireland)
ASSIGNEE(s): U S Philips Corporation, (A U.S. Company or Corporation), New York, NY (New York), US (United States of America)
[Assignee Code(s): 60616]
APPL. NO.: 7-21,105
FILED: March 03, 1987 (19870303)
PRIORITY: 3607687, DE (Germany), March 8, 1986 (19860308)
FULL TEXT: 441 lines

... in digital radio transmission systems, a plurality of radio cells is combined into one cell **cluster** , different sets of channels being used in the several cells of a **cluster** . In this situation it is alternatively possible to allocate within a radio cell several sets of channels to the base station. Spatially the distribution of channel sets in a cell **cluster** is periodically repeated. The size of the cell **cluster** determines a co-channel reuse distance, it being possible to choose for the

network design (frequency allocation) the co-channel reuse distance and, consequently, the size of the cell **cluster** such that the requirements as regards the degree of freedom of interferences in the digital...co-channel radio cells are separated from each other by different code words, then cell **clusters** having, for example, 3 to 4 radio cells in each **cluster** can be formed for the broadband transmission in the direction from the base station to the mobile stations. For a cell **cluster** having three radio cells of identical carrier frequencies it ...This object is accomplished using a method in accordance with the characterizing features of the **Patent Claim** 1.

By **measuring** the reception quality criteria in ...substantially without interferences in the mobile radio station and can be used, in accordance with **Patent Claim** 5, for **measuring** the reception quality.

As already described in the foregoing, inserting the synchronizing symbols in the...

3/3,K/16 (Item 1 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

03417089
Utility
APPARATUS AND METHODS OF SEPARATION OF MATERIALS IN AN UNDER-BALANCED DRILLING OPERATION

PATENT NO.: 6,328,118
ISSUED: December 11, 2001 (20011211)
INVENTOR(s): Karigan, Joseph Michael, Carrollton, TX (Texas), US (United States of America)
Burris, II, Wesley Jay, Flower Mound, TX (Texas), US (United States of America)
ASSIGNEE(s): Halliburton Energy Services, Inc , (A U.S. Company or Corporation), Dallas, TX (Texas), US (United States of America)
[Assignee Code(s): 32271]
APPL. NO.: 9-265,553
FILED: March 08, 1999 (19990308)
FULL TEXT: 581 lines

... FIG. 4, a tangential diverter assembly 92 shown in FIG. 5, or a vortex tube **cluster** assembly 95 shown in FIGS. 6A and B. Each of these assemblies are known in the art; the vortex tube **cluster** being available from Porta-test, for example. For pressure drop reasons, multiple parallel inlet diverters...make and use the inventions. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/17 (Item 2 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

03337878
Utility
ALARM SERVER SYSTEMS, APPARATUS, AND PROCESSES

PATENT NO.: 6,256,670
ISSUED: July 03, 2001 (20010703)
INVENTOR(s): Davies, Stephen W., Cedar Park, TX (Texas), US (United States of America)

ASSIGNEE(s): Netsolve, Inc , (A U.S. Company or Corporation), Austin, TX (Texas), US (United States of America)
APPL. NO.: 9-541,866
FILED: April 03, 2000 (20000403)

CROSS-REFERENCE TO RELATED APPLICATIONS

This application is a continuation application under 35 U.S.C. selection 120 and claims priority from U.S. patent application Ser. No. 09-032,408, entitled Alarm Server Systems, Apparatus, and Processes, named Stephen W. Davies as inventor, filed Feb. 27, 1998, now U.S. Pat. No. 6,058,420, and such prior application shall be considered part of this application.
FULL TEXT: 1043 lines

...2) display modules 504A and 504B), client applications modules 505A-505F and 505G-505L, and **database** module 506. The limitations on the number of the above components are as follows: one... flow charts showing the initialization procedure for poller modules 503A and 503B, server module 501, **database** module 506, clients 505A-505F and 505G-505L, and display server modules 504 in FIG...

...communication links 510. Server module 501 and tools applications module 502 are in communication with **database** module 506 via communication link 514. Server module 501 and tools applications module 502 are...503, display modules 504A and 504B, client applications modules 505A-505F and 505G-505L, and **database** module 506 are initialized, using the procedures shown in FIG. 9A-9E. Particularly, referring to FIG. 6A, each polling module 503A and 503B loads the SNMP Poll application from **database** module 506, which includes a list of interfaces 511A-511C and 511D-511G to be...interfaces 511A-511C and 511D-511G on networks 509A and 509B, which is stored in **database** module 506 and accessed with toll application module 502 and transferred to server module 501...

... 503. Server module 501 also generates an alarm, if necessary, by associating information received from **database** module 506 with the interface address. Server module 501 distributes the alarm ...Datagram Protocol("UDP") and Transition Control Protocol("TCP")); (ii) File System Access; and (iii) Open **DataBase** Connectivity ("ODBC") Connections. IP is a widely used communications protocol defined by the Internet Engineering ... circuit identification"; "gate identification"; "product name"; "alarm type";;;"
"command"="identification number of a record in **database** having an alarm to be acknowledged"

All of the communication links shown in FIG. 5...format and use the Microsoft(tm) Data Access Objects ("DAO") engine for data retrieval from **database** module 506. This mechanism is designed to function on a local machine and as such...

... communications are standard and are defined in ODBC reference information. Since preferred embodiments utilize Oracle **Database** products to implement **database** module 506. Preferred embodiments preferably use Oracle SQL*Net TCP/IP adapter for the ODBC Connections. ODBC is a common software layer designed for **database** access. So, communication link 514 utilizes ODBC protocol. **Database** module 506 is sometimes called "NetRep."
Port Usage and Data Access and Equipment Configuration

Referring... mdb," "index.mdb," and "alarm.mdb," all of which communicate local data, and also access **database** module 656, since FIG. 6B ...and user preferences. The cache file, "cache.mdb," stores information pulled from the OSS NetRep **database** 506. This information is used every time an alarm is written to the alarm **database** , "alarm.mdb." The information contains externally relevant data about the failed device, such as customer

... the client via display modules 504A or 504B and the alarm record is inserted into **database** module 506, server module 501 correlates information from the cache file ("cache.mdb" in FIG...and must be able to associate data with the IP Addresses. This data comes from **database** 506, which, as discussed above, is preferably an Oracle(tm) **database** , also known as OSS. **Database** module 506 contains information about our customers and their devices. Areas in the **database** are also named, and the area that supplies the information used by preferred embodiments is...

... server module 501. During the NetRep load process, data is transferred from the Oracle(tm) **database** to a local file on server module 501, known as the cache table or "cache...This mechanism represents the ability of the system to preserve the current state. The alarm **database** contains a record of all alarms that have occurred and a record of all alarms...and which are not. The state is preserved in the non-volatile memory of the **database** file.

Client Applications Modules

Information to client applications modules 505A-505F and 505G-505L is... use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/18 (Item 3 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
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03327235

Utility
METHOD AND APPARATUS FOR ADAPTIVELY FILTERING NOISE TO DETECT DOWNHOLE EVENTS

PATENT NO.: 6,246,962
ISSUED: June 12, 2001 (20010612)
INVENTOR(s): Schultz, Roger L., Denton, TX (Texas), US (United States of America)
Burleson, John D., Denton, TX (Texas), US (United States of America)
ASSIGNEE(s): Halliburton Energy Services, Inc , (A U.S. Company or Corporation), Dallas, TX (Texas), US (United States of America)
[Assignee Code(s): 32271]
APPL. NO.: 9-322,267
FILED: May 28, 1999 (19990528)
FULL TEXT: 344 lines

...an audio speaker, or simply stored into a memory.
Referring to FIG. 2, an adaptive **neural** network filter 24 is shown. The network filter uses multiple inputs taken at successive times...

... taken at later times. These values are combined with a current input signal 30. The **neural** network filter 38 analyzes these ...44, e(n). The goal of the adaptive filter is to adjust the coefficients, or **neural** network weights, of the predictive function shown above so that e(n) sup 2 approaches...

... one of several methods such as the gradient decent method to update or adjust the **neural** network weights. The prediction error signal will then tend to contain random and impulsive noises. In this way an adaptive, predictive, non-linear, **neural** network filter is used to filter away repetitive undesirable noises, leaving only the desirable impulsive...the

output to help train the network. FIG. 3 illustrates an example of a recurrent **neural** network 50. A plurality of input samples 52, 54, 56, and 58 are entered into the recurrent **neural** network 60, producing an output 62, a(n). The output changes with the constantly changing input. A sampling of the output is fed back into the **neural** network 60. The output a(n) is then calculated as a function of both the...sample, and it's previously computed prediction. These computed errors are used to adjust the **neural** network weights to minimize the signal prediction error. For recurrent networks in which delayed values...nonlinear prediction techniques provides better performance than conventional linear prediction techniques.

A real-time adaptive **neural** network-processing platform was implemented using ... an experiment wherein noise-contaminated accelerometer signals were detected in real-time using an adaptive **neural** network, which was programmed into the DSP. Accelerometers were attached to one end of a... make and use the inventions. The limit of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/19 (Item 4 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2002 THE DIALOG CORP. All rts. reserv.

03313494
Utility
METHODS OF SEPARATION OF MATERIALS IN AN UNDER-BALANCED DRILLING OPERATION

PATENT NO.: 6,234,258
ISSUED: May 22, 2001 (20010522)
INVENTOR(s): Karigan, Joseph Michael, Carrollton, TX (Texas), US (United States of America)
ASSIGNEE(s): Halliburton Energy Services, Inc , (A U.S. Company or Corporation), Dallas, TX (Texas), US (United States of America)
[Assignee Code(s): 32271]
APPL. NO.: 9-265,552
FILED: March 08, 1999 (19990308)
FULL TEXT: 597 lines

... FIG. 4, a tangential diverter assembly 92 shown in FIG. 5, or a vortex tube **cluster** assembly 95 shown in FIGS. 6A and B. Each of these assemblies are known in the art; the vortex tube **cluster** being available from Porta-test, for example. For pressure drop reasons, multiple parallel inlet diverters...make and use the inventions. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/20 (Item 5 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2002 THE DIALOG CORP. All rts. reserv.

03159262
Utility
METHOD FOR OPTIMIZING CELL-SITE PLACEMENT

PATENT NO.: 6,094,580
ISSUED: July 25, 2000 (20000725)
INVENTOR(s): Yu, Chang, Plano, TX (Texas), US (United States of America)
Subramanian, Sairam, Garland, TX (Texas), US (United States of America)
Sendonaris, Andrew, Houston, TX (Texas), US (United States of

America)
Lin, Sheng-Chou, Plano, TX (Texas), US (United States of America)
Landolsi, Mohamed, Nepean, CA (Canada)
Jain, Nikhil, Plano, TX (Texas), US (United States of America)
Madhavapeddy, Seshu, Richardson, TX (Texas), US (United States of America)
Tseng, Stone, Plano, TX (Texas), US (United States of America)
Veeravalli, Venugopal, Ithaca, NY (New York), US (United States of America)
ASSIGNEE(s): Nortel Networks Corporation, (A Non-U.S. Company or Corporation), Montreal, CA (Canada)
[Assignee Code(s): 781]
EXTRA INFO: Assignment transaction [Reassigned], recorded August 30, 2000 (20000830)
APPL. NO.: 8-951,685
FILED: October 16, 1997 (19971016)
FULL TEXT: 1125 lines

... sites can be located either by (1) a existing cellular network layout, (2) a commercial **database** of ...the RF plan (step 210)--for example, provided by existing cellular network layouts or commercial **databases** of prospective commercial cell sites, then the centroid function is called to generate cell sites... make and use the invention. The limits of the invention or the bounds of the **patent** protection as **measured** by and defined in the appended **claims** .

3/3,K/21 (Item 6 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

03141549
Utility
TELEPHONE SYSTEM INTEGRATED TEXT BASED COMMUNICATION PROCESSES TO ENHANCE ACCESS FOR TDD AND/OR TTY DEVICES

PATENT NO.: 6,078,650
ISSUED: June 20, 2000 (20000620)
INVENTOR(s): Hansen, Frederick W., Murphy, TX (Texas), US (United States of America)
ASSIGNEE(s): Nortel Networks Corporation, (A Non-U.S. Company or Corporation), Montreal, CA (Canada)
[Assignee Code(s): 781]
EXTRA INFO: Assignment transaction [Reassigned], recorded August 30, 2000 (20000830)
APPL. NO.: 8-865,698
FILED: May 30, 1997 (19970530)

CROSS-REFERENCE TO RELATED APPLICATIONS

The following patent applications, which are filed herewith, are incorporated by reference:

Reference Number-Serial Number	Title	Author
3870-2001-RR-128.2	Telephone System	F. Hansen Integrated Text Based Communication Apparatus and System

To Enhance Access for TDD
and-or TTY Devices

3870-2004-RR-129.1
Telephone System Integrated
F. Hansen
-RR-130.1 Text Based Communication
D. Jennings
-RR-132.1 Processes to Establish
-RR-133.1 Communication Links to TDD
and-or TTY Devices and Other
Telephone and Text Server
Systems

3870-2005-RR-129.2
Telephone System Integrated
F. Hansen
-RR-130.2 Text Based Communication
D. Jennings
-RR-132.2 Processes to Establish
-RR-133.2 Communication Links to TDD
and-or TTY Devices and Other
Telephone and Text Server
Systems

3870-2006-RR-131
Telephone Apparatus, Systems,
F. Hansen
And Processes to Enhance
Access for TDD and-or TTY
Devices

3870-2007-RR-134
TTY Telephonic Display
F. Hansen
R. Bonnerelated Processes, Systems
and Apparatus

FULL TEXT: 1383 lines

... name, mail box number and/or telephone number. Next, text server 120 checks a first **database** of individuals having access subscriber services (e.g., registered users), which, in most cases, is comprised of individuals or numbers having access to subscriber text server 120 services. The first **database** is preferably a look-up table that is stored in the memory in or accessible...

... text server 120 and is accessed through software used by text server 120. The first **database** is the list of persons who are served by the associated PBX system 115 and/or voice mail system 130.

If the second party is in the **database** (and has access to text server 120), then text server 120 typically presents the caller...the second party's voice mailbox).

If the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to Meridian Mail(tm) system 130 to determine whether the second...

...system 130. At this point, if the second party is not in the voice mail **database** for Meridian Mail(tm) system 130, then the caller is routed to a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with a standard text greeting, prompted to leave a message...name, mail box number and/or telephone number. Next, text server 220 checks a first **database** of individuals having access to the port the TDD call was received, which, in most cases, is comprised of individuals or numbers having access to text server 220. The first **database** is preferably a look-up table that is accessible by

text server 220 and is accessed through software used by text server 220.

If the second party is in then **database** (and has access to text server 220), then text server 220 typically presents the caller...accessible using the specified instructions.

However, if the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to voice mail system 230 to determine whether the second party...

...system 230. At this point, if the second party is not in the voice mail **database** for voice mail system 230, then the caller is automatically routed to a general mailbox...
...a message in a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with the text greeting from the mailbox holder, prompted to...

...4, other steps can be added if the second party is found in the second **database** of parties having access to voice mail system. Specifically, referring to FIG. 15A, text server...who has no text mailbox, which is referred to as the Auto-Build feature. The **database** in voice mail system 230 is checked via Meridian Mail ACCESS(tm). The Auto-Build...

...mail system 230 (e.g., Meridian Mail(tm)) or other external (to the text server) **database** to build (create) a user mailbox on the text server system. The Auto-Build feature uses the information in the external **database** as the basis for creating a text mailbox. The information needed includes such things as long as the **data base** other than voice mail system 230 allows access to its **database** such that the needed information can be obtained.

While FIGS. 2 and 4 detail alternate...

... in or check a mailbox. The mailbox may reside in the text server or another **data base** external to the text server. Identification information, such as a log- ...by the system to access the mail box. Once entered, the text server checks a **database** of parties capable of accessing said mail box on the text server. If the caller is in the **database** , then the text server prompts the caller for a password and checks the password against...

... the caller can selectively retrieve messages from the mailbox in the text server another external **database** . If the password does not match the stored password, then the TDD call is terminated...to voice conversion, which can be used for real time communication. Preferred embodiments use external **databases** as references for user "membership" in the system. Also, preferred embodiments deliver a prerecorded message...text to voice conversion of the Calling Line Identification ("CLID"), ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...name, line, job title). Then, once the identification information is entered, preferred embodiments check a **database** of individuals having access to the port to determine whether the second party is in the **database** and has access to the port. If the identification information is matched to an entry in the **data base** , then preferred embodiments establish a communication link between the first party and the second party...the party being called) is not there or does not answer and is in the **database** , referring to the system diagram shown in FIGS. 6 and 8 and the flow diagram...a prerecorded

message, text to voice conversion of the CLID, ANI, PBX and/or computer **database** information (time, trunk group, internal network group, etc.).

As mentioned above, FIG. 15A is flow...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information that they have a caller waiting via voice or phone display. The pre-recorded 15A and 15B, system level configuration 1400 uses one or more external **databases** , such as the **database** used by Meridian Mail(tm) system 1430 as a reference for allowable or permitted user...use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/22 (Item 7 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

03118586
Utility
ALARM SERVER SYSTEMS, APPARATUS, AND PROCESSES

PATENT NO.: 6,058,420
ISSUED: May 02, 2000 (20000502)
INVENTOR(s): Davies, Stephen W., Austin, TX (Texas), US (United States of America)
ASSIGNEE(s): Netsolve, Inc , (A U.S. Company or Corporation), Austin, TX (Texas), US (United States of America)
APPL. NO.: 9-32,408
FILED: February 27, 1998 (19980227)
FULL TEXT: 962 lines

...2) display modules 504A and 504B), client applications modules 505A-505F and 505G-505L, and **database** module 506. The limitations on the number of the above components are as follows: one... flow charts showing the initialization procedure for poller modules 503A and 503B, server module 501, **database** module 506, clients 505A-505F and 505G-505L, and display server modules 504 in FIG...
...communication links 510. Server module 501 and tools applications module 502 are in communication with **database** module 506 via communication link 514. Server module 501 and tools applications module 502 are...503, display modules 504A and 504B, client applications modules 505A-505F and 505G-505L, and **database** module 506 are initialized, using the procedures shown in FIG. 9A-9E. Particularly, referring to FIG. 6A, each polling module 503A and 503B loads the SNMP Poll application from **database** module 506, which includes a list of interfaces 511A-511C and 511D-511G to be...interfaces 511A-511C and 511D-511G on networks 509A and 509B, which is stored in **database** module 506 and accessed with toll application module 502 and transferred to server module 501...

... 503. Server module 501 also generates an alarm, if necessary, by associating information received from **database** module 506 with the interface address. Server module 501 distributes the alarm ...Datagram Protocol("UDP") and Transition Control Protocol("TCP")); (ii) File System Access; and (iii) Open **DataBase** Connectivity ("ODBC") Connections. IP is a widely used communications protocol defined by the Internet Engineering ... circuit identification"; "gate identification"; "product name"; "alarm type";;;"
"command"="identification number of a record in **database** having an alarm to be acknowledged"

All of the communication links shown in FIG. 5...format and use the Microsoft(tm) Data Access Objects ("DAO") engine for data retrieval from

database module 506. This mechanism is designed to function on a local machine and as such...

... communications are standard and are defined in ODBC reference information. Since preferred embodiments utilize Oracle **Database** products to implement **database** module 506. Preferred embodiments preferably use Oracle SQL*Net TCP/IP adapter for the ODBC Connections. ODBC is a common software layer designed for **database** access. So, communication link 514 utilizes ODBC protocol. **Database** module 506 is sometimes called "NetRep."

Port Usage and Data Access and Equipment Configuration

Referring... mdb," "index.mdb," and "alarm.mdb," all of which communicate local data, and also access **database** module 656, since FIG. 6B ...and user preferences. The cache file, "cache.mdb," stores information pulled from the OSS NetRep **database** 506. This information is used every time an alarm is written to the alarm **database** , "alarm.mdb." The information contains externally relevant data about the failed device, such as customer ... the client via display modules 504A or 504B and the alarm record is inserted into **database** module 506, server module 501 correlates information from the cache file ("cache.mdb" in FIG...and must be able to associate data with the IP Addresses. This data comes from **database** 506, which, as discussed above, is preferably an Oracle(tm) **database** , also known as OSS. **Database** module 506 contains information about our customers and their devices. Areas in the **database** are also named, and the area that supplies the information used by preferred embodiments is...

... server module 501. During the NetRep load process, data is transferred from the Oracle(tm) **database** to a local file on server module 501, known as the cache table or "cache...This mechanism represents the ability of the system to preserve the current state. The alarm **database** contains a record of all alarms that have occurred and a record of all alarms...and which are not. The state is preserved in the non-volatile memory of the **database** file.

Client Applications Modules

Information to client applications modules 505A-505F and 505G-505L is... use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/23 (Item 8 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

03096016
Utility
MANAGEMENT AND ANALYSIS OF DOCUMENT INFORMATION TEXT

PATENT NO.: 6,038,561
ISSUED: March 14, 2000 (20000314)
INVENTOR(s): Snyder, David L., Pittsford, NY (New York), US (United States of America)
Calistri-Yeh, Randall J., Webster, NY (New York), US (United States of America)
ASSIGNEE(s): Manning & Napier Information Services, (A U.S. Company or Corporation), Rochester, NY (New York), US (United States of America)
EXTRA INFO: Assignment transaction [Reassigned], recorded July 6, 2000 (20000706)
APPL. NO.: 8-929,603

Search Report from Ginger D. Roberts

FILED: September 15, 1997 (19970915)

This application claims the benefit of U.S. Provisional Application No. 60-028,437, filed Oct. 15, 1996, the full disclosure of which is incorporated by reference.

CROSS-REFERENCE TO RELATED APPLICATIONS

This application claims priority from the following U.S. Provisional Application, the disclosure of which, including all appendices and all attached documents, is incorporated by reference in its entirety for all purposes:

U.S. Provisional Patent Application, serial no. 60-028,437, David L. Snyder and Randall J. Calistri-Yeh, entitled, "Management and Analysis of Patent Information Text (MAPIT)", filed Oct. 15, 1996.

Further, this application incorporates by reference the following U.S. patent applications in their entirety for all purposes:

U.S. patent application Ser. No. 08-696,702, pending Elizabeth D. Liddy, et. al. entitled, "User Interface and Other Enhancements for Natural Language Information Retrieval System and Method", filed Aug. 14, 1996; and

U.S. Provisional Patent Application, serial no. 60-042,295, Michael L. Weiner and John J. Kolb V., entitled, "Method and Apparatus for Automatic Extraction and Graphic Visualization of Textual Information", filed Apr. 1, 1997.

CROSS-REFERENCE TO ARTICLES

Further, this application incorporates by reference the following articles in their entirety for all purposes:

Liddy, E. D., Paik, W., Yu, E. S. & McVearry, K., "An overview of DR-LINK and its approach to document filtering," Proceedings of the ARPA Workshop on Human Language Technology (1993);

Liddy, E. D. & Myaeng, S. H. (1994). DR-LINK System: Phase I Summary. Proceedings of the TIPSTER Phase I Final Report.

Liddy, E. D., Paik, W., Yu, E. S. & McKenna, M. (1994). Document retrieval using linguistic knowledge. Proceedings of RIAO '94 Conference.

Liddy, E. D., Paik, W., Yu, E. S. Text categorization for multiple users based on semantic information from an MRD. ACM Transactions on Information Systems. Publication date: 1994. Presentation date: July, 1994.

Liddy, E. D., Paik, W., McKenna, M. & Yu, E. S. (1995) A natural language text retrieval system with relevance feedback. Proceedings of the 16th National Online Meeting.

Paik, W., Liddy, E. D., Yu, E. S. & McKenna, M. Categorizing and standardizing proper nouns for efficient information retrieval. Proceedings of the ACL Workshop on Acquisition of Lexical Knowledge from Text. Publication date: 1993.

Paik, W., Liddy, E. D., Yu, E. S. & McKenna, M. Interpretation of Proper Nouns for Information Retrieval. Proceedings of the ARPA Workshop on Human Language Technology. Publication date: 1993.

Salton, G. and Buckley, C. Term-weighting Approaches in Automatic Text Retrieval. Information Processing and Management. Volume 24, 513-523. Publication date: 1988 ("Salton reference").

FULL TEXT: 1887 lines

...behind the information resources discovered.
The most typical information analysis tool available today is a **database** of text or images which is searched by a rudimentary search engine. The user enters...

... that trained librarians are needed to ensure that the formula is correct. The results of **database** searches are a list of documents containing the key words the user has requested. The...each existing document in the set is calculated. The user can then view the resulting **clusters** using the visualization techniques described herein.

The invention provides for an innovative analysis tool that...

... patents. Sophisticated natural language and information retrieval techniques enable the user to analyze claim sets, **cluster** claims based on similarity, and navigate through the results using graphical and textual visualization.

The... patent practitioner to view relevant claims, background and summaries, and other documents (non-patents), and **cluster** these together by similarity measures.

In accordance with one aspect of the invention, the user...
... of the claim. Thus, a kind of "cross-comparison" matching is used, wherein the combined **scores** for (1) **patent** A, **claim** X ...patent B, claim Y, dependent and independent part(s), generate an aggregate matching (or similarity) **score** for **patent** A, **claim** X vs. **patent** B, **claim** Y.

Normalization techniques deal with asymmetries in the matching, especially for documents of different lengths...

... on the legal concept of patent infringement and interference serves as the touchstone to analyze, **cluster** and visualize patents and
... of the claim. Thus, a kind of "cross-comparison" matching is used, wherein the combined **scores** for (1) **patent** A, **claim** X dependent and independent part(s) vs. patent B, claim Y, independent part and (...patent B, claim Y, dependent and independent part(s), generate an aggregate matching (or similarity) **score** for **patent** A, **claim** X vs. **patent** B, **claim** Y.

In cross comparison processing, weights, from either word vector analysis or SFC analysis, are...

...w1m,w2m))/2 slashed zero (9)

Following step 120 of FIG. 2B, mapit-all-by- **patent** step 122 aggregates **claim** level **scores** to the **patent** level producing a mapit.*.pscores file 76. In a preferable embodiment the **score** for **patent** p1 versus **patent** p2 is the top **scoring** pair of any **claim** from p1 against any claim from p2. Mapit-all-by-patent ...Returning again to FIG. 2B, viz3d step 132 produces a three dimensional plot of top **scoring** **claims** while simultaneously aggregating **claim** information to the **patent** level. Its functioning is much the same as that of step viz2d 130. However, it...

...such a plot is provided in FIG. 8C.

Finally, viz-compare step 134 produces a **cluster** plot (also referred to as a "scatter plot" of all the claim pairs from a...and a document weights file 88, produced during the off-line processing of the document **database** as described hereinabove, containing the weights of word stems in the document **database** . The full score file possesses one integer weight 0-99 for every document in a...an alternative embodiment, it is contemplated that plot generation including two dimensional, three dimensional and **cluster** will ... document data, examples of which are illustrated in FIGS. 8A-8D and described hereinbelow.

Typical **clustering** techniques, known in the art, represent documents as points in an n-dimensional display, wherein...

...point corresponds to a single document and each dimension corresponds to a document attribute. These **clusters** are then typically displayed as graphical images where related documents are indicated by spatial proximity (sometimes further distinguished by color or shape). Examples of this sort of **clustering** include the "Themescape" type displays from Battelle, a corporation with headquarters in Columbus, Ohio.

Contrastingly, according to the invention, **clustering** is performed using a single point in n-dimensional space to represent a pair of...

...metric measuring the similarity of the two documents. By using different sets of orthogonal metrics, **clustering** of underlying documents can be performed in different ways to highlight different features of the... metrics is displayed visually as an x-y scatter plot, as in FIG. 8A, although **clusters** can be displayed within larger dimension sets by using additional graphical attributes such as 3D...

... indicate either a single point (a single pair of documents) or regions of points (a **cluster** of document pairs). The documents represented by these points can then be displayed, either by identifying attributes such as title and author. The ability to **cluster** and display documents using multiple similarity measures simultaneously would be lost if everything were collapsed... monotonically increasing sequence of patent numbers. The y- axis is identical to the x-axis. **Clusters** of the most similar patents within the dataset are plotted on the graph. **Clusters** with scores falling within the 95 to 100 range are plotted with a square. **Clusters** with a score falling within the 90 to 94 range are plotted with a cross. **Clusters** with a score falling within the 80 to 89 range are plotted with a circle ...represents a ranged degree of similarity of the patents. Scores based on the similarity of **clusters** of patents are plotted in the 3-D framework with the same graphical representations as...English text, a description of a concept which the system will search for in the **database** of patents. The concept entry screen has fields which enable the user to specify a... query results screen gives the results of the user's search as applied to the **database** of patents. In the representative query depicted in FIG. 9D, the patents are listed in...FIG. 10A enables the user to enter the number of a patent contained in the **database** of patents. The system will analyze all members of the **database** of patents against the patent entered. The patent query screen has fields which enable the...

... patent is compared to each individual claim in the selected dataset, or to each individual **claim** in the data group not containing the selected **patent** , and returns a results list **ranked** by **patent** . The **patent score** is the **score** of the highest **ranked patent** . In All **Claims** processing, the **patent** is compared to all of the combined **claims** for each patent in the selected dataset, or to an amalgamation of claims for each returns a results list that **ranks** each matching **patent** based on a **score** for all the **claims** in the **patent** .

The **patent** query results screen depicted in FIG. 10B gives the results of the user's search as applied to the **database** of patents. In the

representative query depicted in FIG. 10B, the patents are listed in...the user to enter the number of a patent and a claim contained in the **database** . The system will analyze all members of the **database** against the claim entered. A user who is unsure of the correct claim number to...view highlights of all the match points of the results over the top of a **cluster** plot.

FIG. 11E depicts the steps in producing the overlay plot. First, as depicted by step 1102 of flow chart 1101, generate the basic **cluster** plot for an entire data set by offline processing as described hereinabove. Next, according toSC(i)+e on the **cluster** plot in a contrasting color to the original **cluster** plot; where in ST(i) equals the term score for document i, SC(i) equals...

...a random epsilon value for spreading. The result is that the dots on the full **cluster** plot that correspond to the claim query are highlighted.

FIGS. 12A and B depict representative... in producing a range query. First, as shown in step 1202, the user views the **cluster** plot and decides on an area of interest determined by a rectangle. Next, in step...

...the matches that have scores in the specified range corresponding to the rectangle of the **cluster** plot.

The automated highlighting in the user query screen enables the highlighting of documents displayed...

3/3,K/24 (Item 9 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

03056041
Utility
TELEPHONE SYSTEM INTEGRATED TEXT BASED COMMUNICATION APPARATUS AND SYSTEMS TO ESTABLISH COMMUNICATION LINKS TO TDD AND/OR TTY DEVICES AND OTHER TELEPHONE AND TEXT SERVER SYSTEMS

PATENT NO.: 6,002,749
ISSUED: December 14, 1999 (19991214)
INVENTOR(s): Hansen, Frederick W., Murphy, TX (Texas), US (United States of America)
Jennings, Darrell L., Plano, TX (Texas), US (United States of America)
ASSIGNEE(s): Nortel Networks Corporation, (A Non-U.S. Company or Corporation), Montreal, CA (Canada)
[Assignee Code(s): 781]
EXTRA INFO: Assignment transaction [Reassigned], recorded August 30, 2000 (20000830)
Assignment transaction [Reassigned], recorded December 23, 1999 (19991223)
APPL. NO.: 8-865,943
FILED: May 30, 1997 (19970530)
FULL TEXT: 1566 lines

... name, mail box number and/or telephone number. Next, text server 120 checks a first **database** of individuals having access subscriber services (e.g., registered users), which, in most cases, is comprised of individuals or numbers having access to subscriber text server 120 services. The first **database** is preferably a look-up table that is stored in the memory in or accessible...

... text server 120 and is accessed through software used by text server

120. The first **database** is the list of persons who are served by the associated PBX system 115 and/or voice mail system 130.

If the second party is in the **database** (and has access to text server 120), then text server 120 typically presents the caller...the second party's voice mailbox).

If the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to Meridian Mail(tm) system 130 to determine whether the second...

...system 130. At this point, if the second party is not in the voice mail **database** for Meridian Mail(tm) system 130, then the caller is routed to a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with a standard text greeting, prompted to leave a message... name, mail box number and/or telephone number. Next, text server 220 checks a first **database** of individuals having access to the port the TDD call was received, which, in most cases, is comprised of individuals or numbers having access to text server 220. The first **database** is preferably a look-up table that is accessible by text server 220 and is accessed through software used by text server 220.

If the second party is in then **database** (and has access to text server 220), then text server 220 typically presents the caller...accessible using the specified instructions.

However, if the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to voice mail system 230 to determine whether the second party...

...system 230. At this point, if the second party is not in the voice mail **database** for voice mail system 230, then the caller is automatically routed to a general mailbox...
...a message in a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with the text greeting from the mailbox holder, prompted to...

...4, other steps can be added if the second party is found in the second **database** of parties having access to voice mail system. Specifically, referring to FIG. 15A, text server...who has no text mailbox, which is referred to as the Auto-Build feature. The **database** in voice mail system 230 is checked via Meridian Mail ACCESS(tm). The Auto-Build...

...mail system 230 (e.g., Meridian Mail(tm)) or other external (to the text server) **database** to build (create) a user mailbox on the text server system. The Auto-Build feature uses the information in the external **database** as the basis for creating a text mailbox. The information needed includes such things as as the **data base** other than voice mail system 230 allows access to its **database** such that the needed information can be obtained.

While FIGS. 2 and 4 detail alternate...

... in or check a mailbox. The mailbox may reside in the text server or another **data base** external to the text server. Identification information, such as a log-in ...by the system to access the mail box. Once entered, the text server check a **database** of party(ies) capable of accessing said mail box on the text server. If the caller is in the **database** , then the text server prompts the caller for a password and checks the password against...

... the caller can selectively retrieve messages from the mailbox in the text server another external **database** . If the password does not match the

stored password, then the TDD call is terminated...to voice conversion, which can be used for real time communication. Preferred embodiments use external **databases** as references for user "membership" in the system. Also, preferred embodiments deliver a prerecorded message...text to voice conversion of the Calling Line Identification ("CLID"), ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...name, line, job title). Then, once the identification information is entered, preferred embodiments check a **database** of individuals having access to the port to determine whether the second party is in the **database** and has access to the port. If the identification information is matched to an entry in the **data base** , then preferred embodiments establish a communication link between the first party and the second party...the party being called) is not there or does not answer and is in the **database** , referring to the system diagram shown in FIGS. 6 and 8 and the flow diagram...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **database** information (time, trunk group, internal network group, etc.).

As mentioned above, FIG. 15A is flow...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information that they have a caller waiting via voice or phone display. The pre-recorded 15A and 15B, system level configuration 1400 uses one or more external **databases** , such as the **database** used by Meridian Mail(tm) system 1430 as a reference for allowable or permitted user...use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/25 (Item 10 from file: 654)
DIALOG(R)File 654:US PAT.FULL.
(c) FORMAT ONLY 2002 THE DIALOG CORP. All rts. reserv.

02991982
Utility
TELEPHONE APPARATUS, SYSTEMS, AND PROCESSES TO ENHANCE ACCESS FOR TDD AND/OR TTY DEVICES
[Process of automatically transferring a message]

PATENT NO.: 5,943,395
ISSUED: August 24, 1999 (19990824)
INVENTOR(s): Hansen, Frederick W., Murphy, TX (Texas), US (United States of America)
ASSIGNEE(s): Northern Telecom Limited, (A Non-U.S. Company or Corporation), Montreal, CA (Canada)
[Assignee Code(s): 781]
EXTRA INFO: Assignment transaction [Reassigned], recorded August 30, 2000 (20000830)
Assignment transaction [Reassigned], recorded December 23, 1999 (19991223)
APPL. NO.: 8-865,949
FILED: May 30, 1997 (19970530)
FULL TEXT: 1370 lines
... name, mail box number and/or telephone number. Next, text server 120 checks a first **database** of individuals having access subscriber services (e.g., registered users), which, in most cases, is comprised of individuals or numbers having access to subscriber text server 120 services. The first **database** is preferably a look-up table that is stored in the memory in or

accessible...

... text server 120 and is accessed through software used by text server 120. The first **database** is the list of persons who are served by the associated PBX system 115 and/or voice mail system 130.

If the second party is in the **database** (and has access to text server 120), then text server 120 typically presents the caller...the second party's voice mailbox).

If the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to Meridian Mail(tm) system 130 to determine whether the second...

...system 130. At this point, if the second party is not in the voice mail **database** for Meridian Mail(tm) system 130, then the caller is routed to a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with a standard text greeting, prompted to leave a message... name, mail box number and/or telephone number. Next, text server 220 checks a first **database** of individuals having access to the port the TDD call was received, which, in most cases, is comprised of individuals or numbers having access to text server 220. The first **database** is preferably a look-up table that is accessible by text server 220 and is accessed through software used by text server 220.

If the second party is in then **database** (and has access to text server 220), then text server 220 typically presents the caller...accessible using the specified instructions.

However, if the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to voice mail system 230 to determine whether the second party...

...system 230. At this point, if the second party is not in the voice mail **database** for voice mail system 230, then the caller is automatically routed to a general mailbox...

...a message in a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with the text greeting from the mailbox holder, prompted to...

...4, other steps can be added if the second party is found in the second **database** of parties having access to voice mail system. Specifically, referring to FIG. 15A, text server...who has no text mailbox, which is referred to as the Auto-Build feature. The **database** in voice mail system 230 is checked via Meridian Mail ACCESS(tm). The Auto-Build...

...mail system 230 (e.g., Meridian Mail(tm)) or other external (to the text server) **database** to build (create) a user mailbox on the text server system. The Auto-Build feature uses the information in the external **database** as the basis for creating a text mailbox. The information needed includes such things as the **data base** other than voice mail system 230 allows access to its **database** such that the needed information can be obtained.

While FIGS. 2 and 4 detail alternate...

... in or check a mailbox. The mailbox may reside in the text server or another **data base** external to the text server. Identification information, such as a log-in ID, ...by the system to access the mail box. Once entered, the text server checks a **database** of party(ies) capable of accessing said mail box on the text server. If the caller is in the **database** , then the text server prompts the caller for a password and

checks the password against...

... the caller can selectively retrieve messages from the mailbox in the text server another external **database** . If the password does not match the stored password, then the TDD call is terminated...to voice conversion, which can be used for real time communication. Preferred embodiments use external **databases** as references for user "membership" in the system. Also, preferred embodiments deliver a prerecorded message...text to voice conversion of the Calling Line Identification ("CLID"), ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...name, line, job title). Then, once the identification information is entered, preferred embodiments check a **database** of individuals having access to the port to determine whether the second party is in the **database** and has access to the port. If the identification information is matched to an entry in the **data base** , then preferred embodiments establish a communication link between the first party and the second party...the party being called) is not there or does not answer and is in the **database** , referring to the system diagram shown in FIGS. 6 and 8 and the flow diagram...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **database** information (time, trunk group, internal network group, etc.).

As mentioned above, FIG. 15A is flow...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information that they have a caller waiting via voice or phone display. The prerecorded message 15B, system level configuration 1400 uses one or more external **databases** , such as the **database** used by Meridian Mail(tm) system 1430 as a reference for allowable or permitted user...use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/26 (Item 11 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

02990505
Utility
WAND-AXLE ZERO SET
[To guide a land vehicle along a predetermined meandering path]

PATENT NO.: 5,941,917
ISSUED: August 24, 1999 (19990824)
INVENTOR(s): Barnes, Ronny L., O'Donnell, TX (Texas), US (United States of America)
Mathews, H. Wayne, Sherman, TX (Texas), US (United States of America)
ASSIGNEE(s): Gar-Bar Corporation, (A U.S. Company or Corporation), O'Donnell, TX (Texas), US (United States of America)
APPL. NO.: 8-704,118
FILED: August 28, 1996 (19960828)

PROVISIONAL PATENT APPLICATION

Applicant filed a Provisional Application on this subject matter on Aug. 31, 1995, Ser. No. 60-003,009. Specific reference is made to that document.
FULL TEXT: 694 lines

... slope value S, and any other piece of data stored in the computer represent a **database** of information.

BASIC

The basic operation without Auto-Track or Smart-Drive is shown if...make and use the invention. The limits of the invention and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/27 (Item 12 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

02988865
Utility
TELEPHONE SYSTEM INTEGRATED TEXT BASED COMMUNICATION APPARATUS AND SYSTEM TO ENHANCE ACCESS FOR TDD AND/OR TTY DEVICES

PATENT NO.: 5,940,475
ISSUED: August 17, 1999 (19990817)
INVENTOR(s): Hansen, Frederick W., Murphy, TX (Texas), US (United States of America)
ASSIGNEE(s): Northern Telecom Limited, (A Non-U.S. Company or Corporation), Montreal, CA (Canada)
[Assignee Code(s): 781]
EXTRA INFO: Assignment transaction [Reassigned], recorded August 30, 2000 (20000830)
Assignment transaction [Reassigned], recorded December 23, 1999 (19991223)
APPL. NO.: 8-865,699
FILED: May 30, 1997 (19970530)
FULL TEXT: 1388 lines

... name, mail box number and/or telephone number. Next, text server 120 checks a first **database** of individuals having access subscriber services (e.g., registered users), which, in most cases, is comprised of individuals or numbers having access to subscriber text server 120 services. The first **database** is preferably a look-up table that is stored in the memory in or accessible...

... text server 120 and is accessed through software used by text server 120. The first **database** is the list of persons who are served by the associated PBX system 115 and/or voice mail system 130.

If the second party is in the **database** (and has access to text server 120), then text server 120 typically presents the caller...the second party's voice mailbox).

If the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to Meridian Mail(tm) system 130 to determine whether the second...

...system 130. At this point, if the second party is not in the voice mail **database** for Meridian Mail(tm) system 130, then the caller is routed to a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with a standard text greeting, prompted to leave a message...name, mail box number and/or telephone number. Next, text server 220 checks a first **database** of individuals having access to the port the TDD call was received, which, in most cases, is comprised of individuals or numbers having access to text server 220.

The first **database** is preferably a look-up table that is accessible by text server 220 and is accessed through software used by text server 220.

If the second party is in then **database** (and has access to text server 220), then text server 220 typically presents the caller...accessible using the specified instructions.

However, if the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to voice mail system 230 to determine whether the second party...

...system 230. At this point, if the second party is not in the voice mail **database** for voice mail system 230, then the caller is automatically routed to a general mailbox...

...a message in a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with the text greeting from the mailbox holder, prompted to...
...4, other steps can be added if the second party is found in the second **database** of parties having access to voice mail system. Specifically, referring to FIG. 15A, text server...who has no text mailbox, which is referred to as the Auto-Build feature. The **database** in voice mail system 230 is checked via Meridian Mail ACCESS(tm). The Auto-Build...

...mail system 230 (e.g., Meridian Mail(tm)) or other external (to the text server) **database** to build (create) a user mailbox on the text server system. The Auto-Build feature uses the information in the external **database** as the basis for creating a text mailbox. The information needed includes such things as as the **data base** other than voice mail system 230 allows access to its **database** such that the needed information can be obtained.

While FIGS. 2 and 4 detail alternate...

... in or check a mailbox. The mailbox may reside in the text server or another **data base** external to the text server. Identification information, such as a log-in ...by the system to access the mail box. Once entered, the text server check a **database** of party(ies) capable of accessing said mail box on the text server. If the caller is in the **database** , then the text server prompts the caller for a password and checks the password against...

... the caller can selectively retrieve messages from the mailbox in the text server another external **database** . If the password does not match the stored password, then the TDD call is terminated...to voice conversion, which can be used for real time communication. Preferred embodiments use external **databases** as references for user "membership" in the system. Also, preferred embodiments deliver a prerecorded message...text to voice conversion of the Calling Line Identification ("CLID"), ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...name, line, job title). Then, once the identification information is entered, preferred embodiments check a **database** of individuals having access to the port to determine whether the second party is in the **database** and has access to the port. If the identification information is matched to an entry in the **data base** , then preferred embodiments establish a communication link between the first party and the second party...the party being called) is not there or does not answer and is in the **database** , referring to the

system diagram shown in FIGS. 6 and 8 and the flow diagram...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **database** information (time, trunk group, internal network group, etc.).

As mentioned above, FIG. 15A is flow...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information that they have a caller waiting via voice or phone display. The prerecorded message... stated in FIGS. 15A and 15B, system level configuration 1400 uses one or more external **databases** , such as the **database** used by Meridian Mail(tm) system 1430 as a reference for allowable or permitted user... use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/28 (Item 13 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

02981488
Utility
TTY TELEPHONE DISPLAY AND RELATED PROCESSES SYSTEMS AND APPARATUS

PATENT NO.: 5,933,476
ISSUED: August 03, 1999 (19990803)
INVENTOR(s): Hansen, Frederick W., Murphy, TX (Texas), US (United States of America)
Bonner, Robert J., Plano, TX (Texas), US (United States of America)
ASSIGNEE(s): Northern Telecom Limited, (A Non-U.S. Company or Corporation), Montreal Quebec, CA (Canada)
[Assignee Code(s): 781]
EXTRA INFO: Assignment transaction [Reassigned], recorded August 30, 2000 (20000830)
Assignment transaction [Reassigned], recorded December 23, 1999 (19991223)
APPL. NO.: 8-865,948
FILED: May 30, 1997 (19970530)
FULL TEXT: 1397 lines
... name, mail box number and/or telephone number. Next, text server 120 checks a first **database** of individuals having access subscriber services (e.g., registered users), which, in most cases, is comprised of individuals or numbers having access to subscriber text server 120 services. The first **database** is preferably a look-up table that is stored in the memory in or accessible...

... text server 120 and is accessed through software used by text server 120. The first **database** is the list of persons who are served by the associated PBX system 115 and/or voice mail system 130.

If the second party is in the **database** (and has access to text server 120), then text server 120 typically presents the caller...the second party's voice mailbox).

If the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to Meridian Mail(tm) system 130 to determine whether the second...

...system 130. At this point, if the second party is not in the voice mail **database** for Meridian Mail(tm) system 130, then the caller is routed to a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with a standard text greeting, prompted to leave a message... name, mail box number and/or telephone

number. Next, text server 220 checks a first **database** of individuals having access to the port the TDD call was received, which, in most cases, is comprised of individuals or numbers having access to text server 220. The first **database** is preferably a look-up table that is accessible by text server 220 and is accessed through software used by text server 220.

If the second party is in then **database** (and has access to text server 220), then text server 220 typically presents the caller...accessible using the specified instructions.

However, if the second party is not in the first **database** , then preferred embodiments check a second **database** of individuals having access to voice mail system 230 to determine whether the second party...

...system 230. At this point, if the second party is not in the voice mail **database** for voice mail system 230, then the caller is automatically routed to a general mailbox...

...a message in a general mailbox. Alternatively, if the second party is in the second **database** , then the caller is presented with the text greeting from the mailbox holder, prompted to...

...4, other steps can be added if the second party is found in the second **database** of parties having access to voice mail system. Specifically, referring to FIG. 15A, text server...who has no text mailbox, which is referred to as the Auto-Build feature. The **database** in voice mail system 230 is checked via Meridian Mail ACCESS(tm). The Auto-Build...

...mail system 230 (e.g., Meridian Mail(tm)) or other external (to the text server) **database** to build (create) a user mailbox on the text server system. The Auto-Build feature uses the information in the external **database** as the basis for creating a text mailbox. The information needed includes such things as the **data base** other than voice mail system 230 allows access to its **database** such that the needed information can be obtained.

While FIGS. 2 and 4 detail alternate...

... in or check a mailbox. The mailbox may reside in the text server or another **data base** external to the text server. Identification information, such as a log-in ID, ...by the system to access the mail box. Once entered, the text server checks a **database** of party(ies) capable of accessing said mail box on the text server. If the caller is in the **database** , then the text server prompts the caller for a password and check the password against...

... the caller can selectively retrieve messages from the mailbox in the text server another external **database** . If the password does not match the stored password, then the TDD call is terminated...to voice conversion, which can be used for real time communication. Preferred embodiments use external **databases** as references for user "membership" in the system. Also, preferred embodiments deliver a prerecorded message...text to voice conversion of the Calling Line Identification ("CLID"), ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information (time, etc.) that they have a caller waiting via voice or phone display. The...name, line, job title). Then, once the identification information is entered, preferred embodiments check a **database** of individuals having access to the port to determine whether the second party is in the **database** and has access to

the port. If the identification information is matched to an entry in the **data base** , then preferred embodiments establish a communication link between the first party and the second party...the party being called) is not there or does not answer and is in the **database** , referring to the system diagram shown in FIGS. 6 and 8 and the flow diagram...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **database** information (time, trunk group, internal network group, etc.).

As mentioned above, FIG. 15A is flow...a prerecorded message, text to voice conversion of the CLID, ANI, PBX and/or computer **databases** information that they have a caller waiting via voice or phone display. The prerecorded message system level configuration 1400 uses one or more external **databases** , such as the **database** used by Meridian Mail(tm) system 1430 as a reference for allowable or permitted user...use the inventions contained herein. The limits of the inventions and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/29 (Item 14 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

02821179
Utility
COATING FUZZY COTTONSEED

PATENT NO.: 5,787,640
ISSUED: August 04, 1998 (19980804)
INVENTOR(s): Duke, Gene L., Box 988, Brownfield, TX (Texas), US (United States of America), 79316
[Assignee Code(s): 68000]
APPL. NO.: 7-938,960
FILED: September 01, 1992 (19920901)
FULL TEXT: 385 lines

... water that there will be insufficient lubrication or slickness to the tails to prevent grape **clusters** from forming. A minimum amount of guar product to prevent grape **clusters** is needed. As additional amounts of guar products are used in the solution, then additional...seeds become twisted and entwined with the lint on other seeds, causing the seeds to **cluster** together, forming undesirable masses of seeds called "grape **clusters** ." Wetting by the hydroxypropyl solution identified above lubricates or makes the fibers slippery so that they do not become entangled, thus reducing or eliminating the problem of seeds aggregating into **clusters** . The solution also acts as a surfactant which counteracts the natural water-resistance of the... make and use the invention. The limits of the invention and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/30 (Item 15 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

02789606
Utility
CELLULAR WEATHER INFORMATION SYSTEM FOR AIRCRAFT

PATENT NO.: 5,757,322
ISSUED: May 26, 1998 (19980526)
INVENTOR(s): Ray, Jimmy C., Denison, TX (Texas), US (United States of America)

George, II, Robert L., Plano, TX (Texas), US (United States of America)
ASSIGNEE(s): AirCell, Inc , (A U.S. Company or Corporation), Louisville, CO (Colorado), US (United States of America)
APPL. NO.: 8-415,724
FILED: April 03, 1995 (19950403)
FULL TEXT: 370 lines

... associated with it. A modem serves as the interface between the telephone system and the **data base** containing the weather information. When a user aircraft calls for weather information from a particular...make and use the invention. The limits of the invention and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/31 (Item 16 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

02760897
Utility
AUTOMATED INSERT VERIFICATION FOR INSERTING MACHINE AND METHOD

PATENT NO.: 5,730,299
ISSUED: March 24, 1998 (19980324)
INVENTOR(s): Helsley, Thomas H., Coppell, TX (Texas), US (United States of America)
ASSIGNEE(s): Automated Mailing Systems Corp , (A U.S. Company or Corporation), Dallas, TX (Texas), US (United States of America)
APPL. NO.: 8-565,219
FILED: November 30, 1995 (19951130)
FULL TEXT: 499 lines

... 7 and additional promotional inserts 22 according to demographic information relating to the mailing recipient **database** . Generally, the advertisement or billing inserts, which would be typically placed in stacks 23b, 23c... spirit of the invention. Thus, the limits of the invention and the bounds of the **patent** protection are **measured** by and defined in the following **claims** .

3/3,K/32 (Item 17 from file: 654)
DIALOG(R)File 654:US PAT.FULL.

01963224
Utility
HIGH TOUGHNESS CERAMIC ALLOYS
[Zirconium and/or hafnium oxide with inclusion compounds]

PATENT NO.: 5,008,221
ISSUED: April 16, 1991 (19910416)
INVENTOR(s): Ketcham, Thomas D., Big Flats, NY (New York), US (United States of America)
ASSIGNEE(s): Corning Incorporated, (A U.S. Company or Corporation), Corning, NY (New York), US (United States of America) [Assignee Code(s): 21045]
APPL. NO.: 7-537,499
FILED: June 12, 1990 (19900612)

This is a continuation of application Ser. No. 926,655, filed Nov. 4,

1986, now abandoned, which is a continuation of Ser. No. 812,469, filed Dec. 23, 1985, now abandoned, which is a continuation-in-part application of Ser. No. 722,229, filed Apr. 11, 1985, now abandoned.

FULL TEXT: 2297 lines
... crystal phase of said ceramics preferably being composed mainly of tetragonal phase.

Nowhere in this **patent** is the toughness of any of the ceramics **measured** . Although the authors of the **patent** **claim** the ceramics described by the patent have high strength, the highest flexural strength measured for... appeared to have a density of 100% of theoretical, but frequently there were large pore **clusters** . Grain sizes ranged from less than 0.5 micron to over 2 microns. The microstructure...
?